

ctgggctcaa catgcta

317

<210> 182
 <211> 507
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(507)
 <223> n = A, T, C or G

<400> 182

tagcatgttg agccacagacs ctggcgttta gccaaatctt ccttcacgtg ctccctgtgg	60
tttggtagct caggattaca gaggpatcct gtttcgggga aaaaaagat tttagctggc	120
agcagagagc accacataca ttgaatgggt aggaactgac aactccttca agaacaggag	180
tgaggggtgt ggtgaatggg aatggaaagc tgcattccct gatgcatttg tgcctctc	240
aatccgtctc tagtcttagg aaaggaaagta agtttcaag gacggttcag aatgtctttt	300
ttgtgtctgg ctacacatgc tctcccgagg caatggcgga cggagagatg cgaagtgggg	360
ccacattgac cctatagtag gtctatttgc aattcactgg cagtcggttt acacagtcgt	420
gactgggaaa acactggcgt taccacattt aatgcgcttg cagcaccttc cctttccca	480
gttgggctaa tancgcaag gcccgca	507

<210> 183
 <211> 227
 <212> DNA
 <213> Homo sapien

<400> 183

gatttaagct gaacactgtt gagggtagcc ctggagcaag gcaggcatgg atgtctctgc	60
aatccccaaa tggagccttg taattcagcc aggaacttga gcaggcgccc ctctatttgt	120
agcaatgaka agttattctc ttgtttcttc aactttccaa tagctttgag ctccagggg	180
agtgtgttta atcattacag cctggtctcc acagtgttg agcttaa	227

<210> 184
 <211> 225
 <212> DNA
 <213> Homo sapien

<400> 184

ttacgtgcca acactgttga gcagattaac atcagatttt tctatcaaaa tgaactgggg	60
tactcaaaag acaacaaata acaggtctta aayttatag gaataatttc gatacttcaa	120
ctttataaaa cctgcacaaa ctatcaatca agcacaaag cagtgagga acatttccag	180
attttggccc atcagatttt ttaactccaa agtgttgag cttaa	225

<210> 185
 <211> 597
 <212> DNA
 <213> Homo sapien

<400> 185

ggcccgagct agaatgtctc cggccgcaat ggccgggggg ttggttaggg tctctatcca	60
ctggggcccca taggctagtc agagtattta gagttagtt cctttctgct ccccaagatt	120
tgaagagaaa ggaagtgggt gatagagctg agagatcaga ttgtgctgt agactgttc	180
agaatgtatg tctcagaccc cccacactgg ggcctgtggg tgaggtctg ggcattctatt	240
tgatgtgatt gctgaagggg agcaactatg caaggaaggg gaacccatcc tggcacttgg	300
acagggctca ccttatccag tgcctagtc cctcttctg ctactgttt ttctctctca	360
tgtgaggggc aggttaagag agtgcacggt tgtgtgtgga gttttagaa atctaccagt	426

52

aagtggggaa	gtttacaaa	agagcagctt	tggtttgtgt	attttacact	taagttagaa	488
gaggagagct	gtgagatgaa	cgtttagttga	gtggaaaga	cggttaagct	tagtggttag	540
agacccatcc	gaataactag	tggggcggcc	tggcaggtag	acacataggg	agagctcc	597

<210> 186

<211> 597

<212> DNA

<213> Homo sapiens

<400> 186

ggcccggaagt	tgcatgttcc	cggcgccaat	ggcgggggga	ttcggttaggg	tctctatccc	60
ctacctaaaa	aatcccaaac	atataactga	actccacaca	ccmacttggg	ccactccctc	120
accccgagggt	ctctacagatc	ctcctttgat	acataagaaa	attkccccc	actaacctaa	180
tatatcattt	tgcagagattt	gttttaccda	attttgatgg	actttatcag	cttctcagtg	240
tgaacacata	ttacgaacga	tgggtattta	actgcccctc	ccgttcacag	tgtagctggc	300
aactcdsagt	cgagtaaatc	ttcatttaagt	tttccctctc	taaggttggtt	aacaccccta	360
gggtgcacatg	tgggttagcag	ctcttttgat	ttgtttttat	ttccacataag	ggctcctgttc	420
aaggtcaatc	atacatgtcg	tgttagcagc	tagtcaactat	cgcatgaact	ggaggtgtgt	480
aatacgggac	tctcttctctg	tttaagaaat	cttctcccaa	actgtcaaa	tgggttagag	540
ccctaacgaa	tcactagtgc	ggcgccctgc	aggtcgacaa	catggggagag	ctcccaa	597

<210> 187

<211> 324

<212> DNA

<213> Homo sapiens

<400> 187

tcgttaggggt	ttctatccac	ttgcaggtaa	aatccacatc	tggttatata	ctatagtctt	60
ccatagctag	tggttomaag	gacttgaggt	ccagaaagaa	tagcccgagcc	catccctgtc	120
ttccacatga	ccctgctctg	ggttacccat	cttaacttct	ctgttcaggt	ttctctgtgt	180
agtttatagc	atgagctatt	gtgaaatgcc	ctgaaacatg	aaatgagatc	tgggaaacac	240
aaacttaactc	ataagaaatt	ctcccatat	ttttatgatg	gaacaaattc	catgctcag	300
aggagtggat	agagacccctc	ccga				324

<210> 188

<211> 178

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (i)...(178)

<223> n = A, T, C or G

<400> 188

gctggggggt	tgggggtgat	aactctctct	gcccacatac	aaagtatcat	ttcccaactt	60
gacttacaat	ttacgacttt	tcacatttgt	ctccacattt	gttagatcac	acccacacac	120
atggcccgag	aaactgtatt	aactaacag	ccactactct	tcaaacact	catctctt	178

<210> 189

<211> 367

<212> DNA

<213> Homo sapiens

<400> 189

tgacaccttg	tcacagatct	gacacagctc	tggctcttgg	aaactattgg	ataaatgaaa	60
atgaatttct	ttagacagtg	gtctagctg	agcatataag	tatcacatat	ccactattta	120
agacacatct	agtgctcctg	aaattagaa	aggacttaca	ataagtgctg	tcactttctc	180

aalagctgtt	atccaattga	tggttagcct	tcaagkcsa	agaaatgaga	gggatgtga	240
aaaaaagtc	aaatccactg	ctostllaga	aacttccatt	caaaccccca	atgagatacc	300
atctacaca	agtcagaatg	gctattatta	aaaagtcaaa	aaataacaga	tgtcggacaa	360
gggtgtaa						367

<210> 196
 <211> 369
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> {1}...{369}
 <223> n = A,T,C or G

gaacacctgt	ccagatcttg	acaacgctaa	cgccctgggg	agatctttat	tcttttattt	60
agtttttact	ctggctaggg	agatgggtgc	taaaacatto	atttaccatt	ctattcattt	120
aatgttctct	gcagagctca	tggtatagat	attgtccaga	actgtctgg	aagctaggag	180
actggggatg	aaacagctag	gctacatctt	gttcccccag	aacttccctt	tttgtttggg	240
aaacagatga	tatatcaaaa	tatacaaatg	aattccagga	gttttaagta	cgaaaagaat	300
aaagaaagcg	agtcagtatt	tanaatgctg	gaacccgggg	ctattgcttg	agatatgtaa	360
gggtgcccc						369

<210> 191
 <211> 369
 <212> DNA
 <213> Homo sapien

tgacaccttg	tccagcactct	gcacagggaa	aaagaaactat	tatcagagtg	aaacggcaaa	60
ctacagaaatg	ggagaaactt	tttgcaatct	ctcactctga	caaaagggcta	ctatccagaa	120
tctacaaanga	acttctacaa	atttcaanga	aaacaaacaa	caaacacttc	ctcaaaaagt	180
gggtgaagga	tgtagaacga	caactctcaa	aaagagcaat	ttatgggggc	aaacaaacaa	240
tgaaaaaaag	ctctctctca	cttgtcacta	gaiaaatgca	aatcaaaacc	aaactgagat	300
accactctat	tccagtttag	atggaaatca	ttaaaaagtc	agaaaaacac	agatgtctga	360
caaggtgttc						369

<210> 192
 <211> 449
 <212> DNA
 <213> Homo sapien

tgacgtcttg	caactllaga	cttcatcttt	gcacagaaaa	acttttttaa	agtttttaat	60
caagctctgt	ctagtgacag	ccctccagcc	actttttctt	tgttcccttc	taagtggcat	120
tttaaaactca	tgcttctctc	gtttgcaatg	atttggggctg	ctaatccacc	caattggatc	180
gaactgttcta	ctaaacaane	ggaaaatgtg	tatctgggag	actgtggaga	aaacttaaac	240
atctgtttct	ctttgtcttt	taaggaaattt	gttccagcta	catgtaatac	caagttctct	300
tttaagggag	aaagatgtga	tcttcccttg	tttccacag	actgcaaccc	taagtaaatat	360
tctttattta	tgtctgttaa	aaattgcatt	ccaaatagga	tgatttaatg	tacttggtat	420
actgtctgagt	gtcaagtggc	caaggtctca				449

<210> 193
 <211> 372
 <212> DNA
 <213> Homo sapien

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<400> 193
tgaaggttgg ccaacttgac ccaaggaggt akcaggtgaa tataactctg caatgtaca    60
tattggcaat tccccatcaa acattctaga aagagcaaac caggatttgc aggcacataa    120
agctgcacata aataactggt aattgcagta atcattctcg gccaatccaa tccagtttgg    180
ctcagaggtg cctttggctg agagagaggg tggatataa tgtgtttct tgcacattct    240
tggagagata acctccacaa agtctgagga ctgatatcaa acctatttc cattaagaca    300
ccagagttct ttaattccag taactgataag tgtttgagat tagactccag tgtgtcaagt    360
ggccaaaggt ca
ggccaaaggt    372

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<210> 194
<211> 309
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1) ... (309)
<223> n = A,T,C or G

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<400> 194
tgaaggttgg ccaacttgac cttaatgtag atccatctgt ggtctatgca agccttttat    60
ttaggtttag tgttgtggg acctcaataa tcccaactag gccaaagccc acagagcttg    120
cagaacactt cagttctcga cactagaatg gccaggtaac tttttgtgtt gtaacgttct    180
acatatacaa aaacaaactc tgcantctca ugttacaaca aaagctactg ctgttaaatc    240
cttaagaagg gtaagagata cactctctaa caaagtaact taagactagt gtcaagtggc    300
caaggttga
caaggttga    309

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<210> 195
<211> 312
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1) ... (312)
<223> n = A,T,C or G

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<400> 195
tgaaggttgg ccaacttgac ccaactctcg cactctatcc tccagcaccr tgaagagta    60
ggactgcaac taccctccact tcccagatga ggggacaaan gtacacatta ggaacaggtt    120
gggagacagc atgtgtccga tcccagatcc caagacatac ggctacatcc aggagagcgg    180
cttctagata aggttcaaaa catgaatggc tccgcaaacg ggaagtcagt cgtgttgaat    240
taagggaatg gtgacacgga tgcaggtgta acctgtaatg gttctatgta agtctcaagt    300
ggccaaaggt ca
ggccaaaggt    312

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<210> 196
<211> 288
<212> DNA
<213> Homo sapien

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<400> 196
tgtatcgaag tagtggcttc ctccagcaat cagaactgtg actcaattaa aactctttac    60
tttatgaact acccaatctc gggcagtgct ttctagttag ttgagaaag gactatataa    120
agtcacattt actttgtaat aaataaacc aaatactatta cttttttgtg tatttaotac    180
accatatttt ttattgttat tgtagtgtac aactctactt tatcaaaaga aatagagccc    240
ggggtgtcag atcagagggc caggagatgg agacacatcc gtgcatac
ggggtgtcag    288

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<210> 197

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<211> 289
<212> DNA
<213> Homo sapiens

<400> 197
ttgggacact tcaatatcat gacaggtgat gtgataacca agnaggctac taagtatta      69
atgggggggt aatgtataca gactaggtac atgtgacaga ggggttaatt atagacaagg      129
caggagaagc agaatggosa acaatttcat cacactactc aggtatagcat gongttttaa      189
acctataagt agtttatitt tgggaatttc oucttataat tticagagtg daggttaacta      249
aacttgggaa cacaaagaca tagataaggg gagacactta agttagatca      289

<210> 198
<211> 288
<212> DNA
<213> Homo sapiens

<400> 198
gtatcyaggt agtggtctcc caagcagtggt gaagaaagc tgaacaaatt aaatgtatc      69
agatacccca agagaagggc cttaggtata gattcccaagt gggtaacaaat atcagatctt      129
aaaattcagg ctgtcacaaga gatttgbtat gaggttgctc tcaatgacatt caggacaaght      189
cggcagggga ttgaagccct ggccattgtc aagatgaagc agcttttggc calgtatggc      249
aagaagagcc ccaatgagcg ggaactctgg agaacactac gtgcatac      288

<210> 199
<211> 1027
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...[1027]
<223> N = A,T,C or G

<400> 199
gctttttggg aaaaaamtaa ntgggggaaa ggggmmtnn tngcaaggag ataaaggggg      69
aamcccaagg ttccncaatt cagggaggtg taanaagnc gcaaggggat tgaanaagga      129
ttcaataata gggggaagtg gccnagaagt tgaacaggtt cncgcagcca tgnccggggg      189
atttagtgac attatgcagca tggtaataaa gtggagacca waatatitg tnatgtatt      249
tttgaacvng tgaacccaatt gwacaggyacc tcaattcent tgaatagrtta gccaataaca      309
gtaaaagrit tayaagiyti teltgancgtt aacagacatca ttacatggag tggatcaaac      369
aatttcaccc ttgtttagcc gataccttcc ccttgagagc attcaattaa gtgaacaaac      429
gtcatagcag aggggtatgc ctggggatgt atgaagatat cagggttgat aacttcaagc      489
gtgaagggca kaktctcttg totactatga ataaccaag tacccttttg aacatgtcga      549
ctagcaaatc tgtcccaaat ctgtgtatcc cctaacagag agtaacortu ttttcaaaa      609
tttatatcct tctgtgattg gattkacpat aacckgalcc acaatggccc kctgtctwgt      669
cttgagaaaa gtttcaaggt ctctcttggt ataggttata ttggtgtctc caaatctcct      729
ttcatthttc aggaagaggt aactgttttg cntataataa cmtactctcc tgaatamaga      789
aacccckgga rctatcaaac catcatatcat caggttctct watgfyctms aactcatatt      849
gggggcgcct gacaggtcaac ctatnggaaa aaccccccac ccttnggggc ntacattgaa      909
ttttccatct gtcacataaa ttanctnema ttancttggc cntaacctat tccggtttaa      969
attgtttcgg tccactctcc caccctttaa aacgggaacc taaattttta aacggggggt      1027
ccatctcc

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<400> 200
 agtgacatta cgaagctggc cactctgcat cctagggcat gaagttgccc caaagttcag 60
 cacttggtta agcctgctcc ctctggttta tcccaaggaa taaggctggga caaagaaggt 120
 ggscacttaa ctaagctata aattatattg taattgtcta gaaggagaca actgacacag 160
 taractacca ggttgctaat gtacata 207

<210> 201
 <211> 209
 <212> DNA
 <213> Homo sapien

<400> 201
 tgggcacatt ccatctctat taaagaacaa aatcctgagc aacacaccaa gactatcatt 60
 gaggttacat ctggagtgct cgtatataaa ggcacaaatg aagtgaacat taccagcgtt 120
 ttaatttttt ggggaactcaa ctgtctgaaa agaaaggggt gcaattcttc ctctggttcc 160
 tggctcctac cagctgtcta atgtacata 209

<210> 202
 <211> 349
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 202
 ntacgcctga aaactgttga gcaactggtt ttlatctccg gtaagttatc cagcaaacag 60
 tcaatgaaca caacgaagac agtggtatgg taacagttca cagtaatagt tccagctgtc 120
 tgcggttccc agcagagcgt cactgggtac agacacagtt cagcgggaag agaaagcgc 160
 gcaaggagag acgtgaactc caactcgttg gtgagacgac caatgttttc aactcgaagt 200
 tcaaacgcca ttgggttata taactataga tgaactctac acacatctcc ttgaacccac 240
 tggaaatata ttctcttgt cagctctctt caacagttt gcaagctaa 349

<210> 203
 <211> 241
 <212> DNA
 <213> Homo sapien

<400> 203
 tgcctctctt gacttaacca cccaaagccc actgtgaaat atgaagtga tgaacaaatt 60
 cagttctaaa agcaatctag tatagtttat ctgattcttt tgcctccag gacactttac 120
 acaactgcta ccccaaccaa caactcaggg atttagaatt ctccacagac cagaacttat 160
 ttctactttg agttcaggg taattcggga ctactgttcc taactgggtg gtaaatgggt 200
 a 241

<210> 204
 <211> 248
 <212> DNA
 <213> Homo sapien

<400> 204
 tgcgaattta caccacatct gcaaacacag ccmwpergr cygwackya ggcgatttga 60
 agtcttgata atgtctgtat cagtttagtt caataagttt ggtcagttta caaaattca 120
 cagaaactaa laactcaatg taigtgttcc tctctgtgtt tatgtgtgtg taagtgttca 160
 ctcaagtttt tttaaaaaa agagtgattt tcaataaag aaagcagttg tggtaagrga 200
 agagggag 248

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<210> 205
<211> 505
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G

<400> 205
tcagctgcaa cactgtggag ccattccatc aggtccctaa ttaaggaaac agtgcattcg      60
ctacccttgc ccgtttaggg taccggggoc gttaaacatg tgcactcggg caggcgggtgc      120
ctctcaactc ggtgatgcta gagggtgatgt ttttggtaaa caggcgggggt aagcatttgc      180
gagttacttt tacttttttt aacctttctc tatgagcatg ccgtggttgg gttgcacgtg      240
ggggttaata tgaattgttg gttgattgta gacattgggg tggtaattgt ccgttcacgtg      300
ttttaaatcg acgcaaggctt atcgaggagg caatggttct atgttactta tactaaactt      360
agttctctta taggggtgata gattgggtcda attgggtgtg aggaattcag ttatatgttt      420
gggatttttt aggtagtggtt gtttgancct gaacgcttct ttaattggtg gcctgcttta      480
rgcctactat gggtagttaa tgggt
505

<210> 206
<211> 179
<212> DNA
<213> Homo sapien

<400> 206
tagactgaat catgtccact accaaagcctt cgttaaggag ctgagttctt aaagattgaa      60
gaacagctat tctctggaga aaattaaaat ggaattgta cttaaaaaa aaataaactc      120
ggcggggcat ggtagcacac acctgtatct ccagttacta ggggacatga gtcagtcta      179

<210> 207
<211> 176
<212> DNA
<213> Homo sapien

<400> 207
agaattgact atgtccctta cccaaacttc tgcgtgctcg ccgtgttctt aaagattcac      60
agattglaa tggtcnctgg cctggggggtt ggggaactct atttatggg atacaaattt      120
gggagttggg attgacaga tttaagtaact gacgggatat ggttggttaa tggcta      176

<210> 208
<211> 196
<212> DNA
<213> Homo sapien

<400> 208
agactgactc atgtccctta tttaaagggt toctctagtc tggaaaaaa aaaaattctg      60
aacattgact atacttata ttgtaaagaa tactgtacaa tgactttact gaattctggg      120
agctgttaag cttgaagggt gccagaagtt ttaaggataa tgggttggtta atgtctaggg      180
gcattagatc agtcta
196

<210> 209
<211> 345
<212> DNA
<213> Homo sapien

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58

<226>
 <221> misc_feature
 <222> (1)..(345)
 <223> n = A, X, C or G

<400> 209
 gacgcttgcc caottgacac cttttrattt ttaaggatke ktaagtcath tangtnactt 60
 tgaagtttt tctctgccc ccatnagaat gatacattka aaattatagc tggggttgcg 120
 aagaagatcc tctctagcttt agaatgctga ggtatagcca gattctttgt gaggaggggt 180
 gatttagacc aaatttctta tctctctgtt ctcatctgta aataggggat aataatagaa 240
 ctggcttgcc aaggctggaa ttagtattac atggttaata catgttaaat gtttagaagt 300
 gtgcacagta tctagyaagt acttgggcat ggggtgtaaa tggct 345

<210> 210
 <211> 178
 <212> DNA
 <213> Homo sapien

<400> 210
 gacgcttgcc caottgacac tagagtaggg ttgggcccac tttttctata gaggacacga 60
 gattaaatcc ttcaggctttt ggggttctgt cagtctctct tgaactaact cagctctgac 120
 attgtagctc ggaattcagc catagacagc acagaaatga atgggttggt aatggcta 178

<210> 211
 <211> 434
 <212> DNA
 <213> Homo sapien

<400> 211
 tgggcacctk caetatchat caggcgcatc taasttcgct tttttcttga ttamaaaktt 60
 caccacttgc tcttttttgt cctgtatcac aagtagcagk ggtgtgagcc catgctttgt 120
 ttttgattcc atctacgcaa cgtataagag cagtggtttg gcaattaaat tatattctct 180
 gtgacacgca tagtgtagag tgggtatctc atacttctat ggaattattg gatcagtgcc 240
 atgttcacgc aactttaagc ccaattcacc ttcctggcat tgaacggcct ttgtacagag 300
 tctctctttt tctgtgtcaa ggaatttaag ttgacatcgt ctgtccagca cagattttac 360
 tacttctgaa tcccatctgg cagagggccg atgtagagca gtctctcttt gctgtctcct 420
 cttgttcaca taagtgttcc tgggcacacc gga 434

<210> 212
 <211> 337
 <212> DNA
 <213> Homo sapien

<400> 212
 tccgttatgc caccacgaa acctatctga gttacttatt aaactcaagg ctggaacctt 60
 ttgtctcag cccatattga ttcatgagca catggttttt atgcatcgca ttgaacctat 120
 ttgatcaatt ggtttcttta ttatctgact gtgtcatgac aaggaacctt acaaatctga 180
 acccagagca caattcaag gtattcagaa agtggaagcc agcaattgtt tgcgaattcg 240
 gacttttgaa aaacaaattg cgtgtgaacc tttaatttgc cttggaacag tcaagaaaaa 300
 catkatttgg gaaattatc atcaagcgt aaaggaa 337

<210> 213
 <211> 715
 <212> DNA
 <213> Homo sapien

<226>
 <221> misc_feature

<222> (1)...(715)
 <223> n = A, T, C or G

<400> 213
 tgggggtgatg cctctctcagc catctctccat ccatctcttc aagattagct gtccccaagt 60
 tttttctctc tcttctttaa tgataaaatt ggactctctc ttgacactga tgacagcttt 120
 agtactcttc ctgtcaactt gcagactctta aaataaaaaa tactctcttg ttttcaagg 180
 aaaaaggtat accttagcac tatllagctt ggacttgaaa ctttctctat ctttctctaa 240
 atgtctgtta gctgacacga atctatttta caatgcagag tgagaaaaaagg agggagctat 300
 atgcaattga gaatgcacag atctgtaaat aaacatttta actgtcttct taagtgtgagc 360
 acatacagaa atacatttaag atattagaat gtgttttttg ttgtgtacta ctactttagg 420
 aagcaacttg tatagtctct cttctaaaaa tgaagttagt tttaaaaaaa catgtaattc 480
 aattgagorc tcaagttaaga tttttguga attttcaag ggatttggtt ttgtctaaat 540
 ttgtcaatt tttttagtta ctctgtataa ttttataaat gtctcaactg attttagtccg 600
 ttttctgct gctatgaaag caactacaa gcctgggtta ttttcaaaag gaaagaggtt 660
 aattgactc ccagttcaaa ggcttgagga ngnatcccc gaactcttta ttgag 715

<210> 214
 <211> 345
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(345)
 <223> n = A, T, C or G

<400> 214
 agtaaaagag taactctggt cctccggggc cgggagctgg gggattcggg tgaactctcc 60
 ccaggccccc ttgggctctg tcttcccaaa tggcagctcc totggaactg cchttctctc 120
 tcccaactgc ctgattcttc atctgttggg tctccctgtt ttctgggtgc taattctctg 180
 ctgtatgtta cctgcgaactg tctgtcaaa cctgctcttt taactgctc accattctct 240
 catctgttct ttaaatatgc gaagtgaag tgcaacctga ggcctgggac agtctgtctc 300
 gctgttaact ctagcacttt gggagcttga ggagcctaa cccga 345

<210> 215
 <211> 429
 <212> DNA
 <213> Homo sapien

<400> 215
 ggttatgcct cctcagggga agctcagggg ggaacgaaac ctccctgtga gacgaaggcc 60
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 atccttctga ccttttgggt tttaagcagg aggtgcaga aaagtacaa cagggaatac 180
 ttgcttctgg tggcagagcg ttctatagga ccttgccttt tgatctcttg atgtcggctc 240
 ttctactact tggtagagag aattcccaa gcttgagatt gttaacccac taatagggaa 300
 cgtgagctgg ttctagacg ttgtgagaa ggttagttt accctctga tgatgtgtg 360
 ttgcaatgc aactctctgc agtacyagag gaacgcagc tttaacaaat tgggtatgt 420
 gcttgcctt 429

<210> 216
 <211> 593
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(593)

<223> n = A, T, C or G

<400> 216

tgacacacat	gtccngcgtc	tgctacacgt	ttccacacac	agccagacgt	tggtccacac	60
tctgtcccca	ggatcacacg	tatctacaga	gggttatcac	ttctctctct	ttccacacac	120
aagagacac	gcagcctctg	gaagctgtct	taggagcctt	tgagctccga	atttcagagt	180
cttgggtacc	ttggatgtgg	tctggaagga	gaacacctgg	ctctgggtaa	ggagtacagc	240
cgagggaggg	tcacagagcc	ctcaggtcaa	gcccctgtgc	cttagctcaa	agcagccttt	300
ggatggagga	gcaggttaag	tacacatagt	aagcgtccac	aggtagaaag	tggtggaggt	360
cagacattga	cagttgttag	gagtagtacc	tacatcaatg	agggcaacac	aactgaaaga	420
agacagccaa	ctaatgaatt	gatttagggg	aaggaacagc	gctctcatgg	agactttctt	480
aggaagatta	ttgtttanaa	ttatgaaagg	antagggcag	ggacggggcc	agaggtatag	540
ganaacattg	ccctatcccc	ttgtcttgca	ccagatgctc	ggacaggggt	tca	593

<210> 217

<211> 335

<212> DNA

<213> Homo sapien

<400> 217

tgacacacat	tcacacacat	gagctgaaga	tgagcagctc	agggaggggt	tcctggattt	60
ctctgtctct	tgggctccgt	ggcaatgaat	ttctctgtga	agtggatgaa	gactcaatcc	120
aggaacaaat	caactctaat	ggcctcagag	agcaggtccc	tcactctcga	caagctctag	180
acactgtctt	ggacctggag	cttgatgaag	acctgggaaga	ccaccccac	cagagtgcac	240
tgatttagca	ggcagccagc	atgctttatg	gattgacaca	ggcccgctac	atccttaaca	300
acagtggcat	ggccagcagc	ctggacaggg	tgctc			335

<210> 218

<211> 248

<212> DNA

<213> Homo sapien

<400> 218

tcagctacag	tcctggaagt	cttaggtaga	gaacaaatgt	gaatacttaa	tcacagacta	60
tccttgaaat	gggacgttaa	gtacagaggg	agggctggcc	cttatccgaa	gaggtctgta	120
gatggctccc	gtctatgaag	ttttgtgtca	ctgcacgaca	ttgcctgaat	tactgaatt	180
ccgtagaatt	gttgcaaat	ctaacgttgt	tcattcaga	ctatgtctcc	atgtttctag	240
tacttcta						248

<210> 219

<211> 530

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (530)

<223> n = A, T, C or G

<400> 219

tgagcgttgg	ccacttgaac	caagtggggg	aaaggacaa	agaccccaaa	ggtggcctgt	60
ccgctctttg	ctacttgttc	ttccctgttc	ccagggcccc	ctctgttagg	gtgtgctgtg	120
atctgtggac	attggtgcct	ttccaaacat	acattctctt	ttctgtctca	cagagctcat	180
gaggtggagag	ccacaaagac	taacttgtca	gatgagata	atgactctgt	gcacactcac	240
cccccacact	tctcaatagt	tatagaaaga	gcacagctca	naacattcta	tcctgtcccc	300
tgcctctctg	acactcaatc	tgttccatgc	ccatctctga	ttctgtgtga	actttggagc	360
agccttggtt	ttcctctctc	ctccagcttc	ttctcttacc	atggtaaggg	gggtctgttc	420
caacacaaag	gtcaggtgtg	ctctgggaat	ccctaaacat	gcacagaggt	tcctcgaact	480

tcttaaaaaa cttcttgctt atctaatatg tgtctaatgg ccaaacctctn 530

<210> 220

<211> 531

<212> DNA

<213> Homo sapien

<400> 220

tgcgccttgg ccaacttgca ctatatagca tcttctaaag gcttgattca gacttgctga 60
aaattctccc agtgtcaagg attgtcaggc acagggctgc tcttgctgcc acttcaactg 120
ctgtgtttct gctgtaaaag gagggaaggc gaattgctgc ttttcaacta atgtctcccc 180
gltttctata ttctttctgg atctctttct ctgacaactg tttcttttg gttctctctt 240
tcttgctcag agagcaggtc tctttaaacc tggagaaggc gaattgacca atgattaaag 300
aaaucaacct tctgagggcc agagatcaaa tattaggtac atctcaacc ccttgctctc 360
tgtggtcaat tttctccctt tctcaatgct ctatccctct atccccccc tcttctatgt 420
gcttttatct gccaagttat cgggcctctc atcaaatctt tctctctgac tcttggtggc 480
tatccctctg ggtctgtctc tgggtgtatt gttctaatg gctcaagctc a 531

<210> 221

<211> 530

<212> DNA

<213> Homo sapien

<400> 221

attgaagctt ggcacattga caccggcctg cctgcaatcc tggggcnaag gctttcaactg 60
atttccctgc accagcttgc actgcacaca gactcagaa atgtctacaa ccaagactgt 120
tggctctcag ccttctctag gagaagaaga agagctcagg aactcaggag agagctctga 180
tcggtctcag ccttggcagc cagcttcccc accctgggca ntaagtctg gactgtctta 240
acaatggagg caactctctg gaacacactt gttaggcaat tggcgtctgt ttatcaggag 300
cataattaca aaacactcga tagtgcagcc tactatccac tatgtctctt acgttcaaa 360
cctgaacacg ctgggactgt actgaatact ggaagcagct ggtgttgtta ctatttggc 420
tatctaaaca cagagagaagt acgttaagaa tatgtctata taacattaca ggtacgcga 480
tcttatatgc agtctgttgt gaccaaatgt tctcaagctg ccaagctca 530

<210> 222

<211> 578

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(878)

<223> n = A,T,C or G

<400> 222

tgtatcgagg tagtggcttc cgggcataca ggcgttgtgt tctgtgtagt aactggttca 60
ctgaagaagg cactcccttc cccggtctgc cctgaagcag gggaggagct tagccagcc 120
aaggcaagtgt tagtggcttc agcttgcagg cctcagagcc tctgaagccc cctcttctag 180
gagccttcac agtataggaa agtccgggta aggtctctt cctccccag acaccagaa 240
caaacacaaa cccccctat tctggcagcc catatactga aggaagaaac aaataaana 300
atcaaacaaa caaacaaaa aaagagagag gggaaatgta tatgtctgtc catctgttg 360
cttctagcgt ttagctctca naagggcagg accgttctct cagaatgttc tctgagcgc 420
agactcgggg agtatatgga gagggaagca gactcagcag aagttgaag gtcggccagg 480
cggctctctg gggctgttgt tgcacttcca gaacgcttct gctttttgtc ttagatttnc 540
gtttgtctct tggagtggga naacactcan tcnataca 578

<210> 223

<211> 578

<214> DNA

<215> Homo sapien

<400> 223

tgatctgacg	aaagtggtctc	ctcttgcgaa	ggactggctg	gtgaaaggct	tcactgaatt	60
atggacttcc	ctctaacata	tctttatcat	attaacagtt	gcacaaatct	agactgtggt	120
gtccactgtt	caattgattc	ctagaaaggt	agtctttagt	atgttacttt	aaactgttat	180
ctgtagtgtc	ctgaactgac	tttttttttg	catctttgtt	tgcccaacct	gtcaattata	240
gctgctttag	cttgagactgt	ccggtgttaa	ggcgttaaaa	tattcaaccg	tcacagccatc	300
ttcaagatga	attaaagtca	ctaaatgctt	ctttgttttg	ccagacttgc	tatgtcaatc	360
ctcaatttct	gggtttcatt	tggttgccct	aaatctttag	gtgtgacttt	attagcatct	420
tgtaacatcc	attccacagc	aagacccaat	ttcaataata	cttccagaaa	gttctattgt	480
gaagcttttc	cttccaccag	ggagagcaat	tgattttcta	caacttcccc	catcagagcc	540
aaagagttct	gggatctgga	gacactaacg	tcgatata			578

<210> 224

<211> 345

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A, T, C or G

<400> 224

tgatctgacg	aaagtggtctc	ccaaagtggt	gggattgcag	gaatgagaaa	caactccacg	60
gtgtatcttt	ttctttatac	ttcttttatt	aggtttctgt	tattcaagaa	gtgtatgtgt	120
aaagtgcttt	taaatctata	tggttaaaaa	atgatagcct	gggaataaaa	taaaaaattt	180
ttctttcttc	tttaggttga	ctaaagaaac	agcaaaaata	gaacatactg	aaataaatct	240
aaatttccac	ctatgagaaa	ctgagagagc	aattgagaaa	gtgtatgata	tttagatttt	300
gataattgatt	taaaagacac	aggagagagc	caatcctctg	ataca		345

<210> 225

<211> 347

<212> DNA

<213> Homo sapien

<400> 225

tgatctgacg	aaagtggtctc	caaaactgag	tatgtgtgcn	aatagaaaca	aaagcttccc	60
aaactgggacg	caagacacag	cgttttaag	ggactctgtt	tataaattaa	tttccacatt	120
ctctaaagtat	tatttctaaa	aaactgataa	gggtgtgaag	ctgtgctctt	ttccaaatcc	180
caatttgacaa	caagcttcaa	ctaaagcaag	aaagggcag	cttgacatcc	ttcctgagtc	240
tgactctgat	aaagtttgtt	gatgtctaaa	gagctcaga	caacaaaggg	gacaaatcag	300
aatgctgtgt	tataacagac	tccaatggag	accactcagt	cgataca		347

<210> 226

<211> 281

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(281)

<223> n = A, T, C or G

<400> 226

agggagggga	atgtatagac	gtagtgtgtc	ccaaacagtc	tgatcattac	tctgaaggtg	60
------------	------------	------------	------------	------------	------------	----

icagtytttt	ggacastgag	gcacacitgt	cactkattga	ctctocagct	ctaaakgctg	120
aaetttaaa	ctgtactgac	aggtctggaa	ttctagatga	ggltttacaa	agttcttctg	130
atcaattcto	ccacaaatca	gaagagcaga	agagggctoc	ttctaatatt	ggagaaacac	249
aggtggtttt	acaaacotca	ggagacact	aggtcgatga	a		281

<210> 227

<211> 3646

<212> DNA

<213> Homo sapien

<400> 227

gggaacact	toekccagc	cttgtasgg	ttggagccct	ctccagtsta	tgtcgagaa	60
ttttctctc	ggttttctcag	aggtattctg	agtcgcgctt	aaaaaggcca	agctctggac	120
actctgaaa	cttgaaatggc	caagtttctg	agtcgagctg	ccctctgaag	ggctcactgaa	180
acttaaaat	gttcaagctg	tggtgggggt	tgctaatgaa	actccgggac	ttccctgatca	240
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gaactctcag	cggtttcggt	cgccctgtac	tgagctctctg	tgaggaagag	ggagctctct	420
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cccccctctc	gcttttatgtc	ctctttctct	actctgaact	tgataaatgt	gaataccacc	660
aatctctcct	tccttgaaaa	ggccacaggt	ttgacatcac	tgatggagtc	tgtaactctg	720
acacattggc	ccacattggg	tgactgtcaa	agctctctgt	tgacactttt	ccactctgaa	780
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ccnagatagt	aaaagggaaa	tcacaaaact	agagggattt	tgctggagatg	aatatcagct	1200
agctttttaga	gatagctcaa	aaagtttttg	ccaggtcaga	gglttgaaaa	caaaacacag	1260
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tcctctctga	ctctgaactc	ttcatacccc	gaactcttgg	gaacacttca	atcagtcacc	2040
taacagctaac	ccctcaattc	ggaggggaaa	agctaacctc	gctcctccgg	agccgtttta	2100
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aaactcttcaa	taacttgagt	aaatttttct	tcactgaatt	ctaacctcga	catgggtctc	2400
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caagttagaac	gaaagaaatg	ccaccttaaa	aaacactctc	caaatctaat	cttagcaaac	2580
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ccccaacagg	taacagatat	aatctctgca	cttgtctcag	gaacactctc	caatcaaatc	2820

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caatgatctg	atttccocaa	aaacacagat	ggagaaatga	gtctccaaac	tggtttttcc	3240
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<210> 220
<211> 419
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> 11...419
<223> n = A,T,C or G
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<4b> 228						
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tggttttaag	agtggggaatc	tttggagatc	agagtaaaagg	acacaaacacat	cgatggggatc	120
gggttgcagg	ccagagatggt	tttaaaagaa	aaagtggtctc	taagaaatga	180	
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agctgcaaac	actaaatctt	taactgaagt	ttctgagagc	taataaaaaa	gattttttta	360
gttaagaaac	aacacatctt	ttcagaagta	ttatttctgt	aaatatttaa	catctcccaa	420

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<210> 339
<211> 148
<212> DNA
<213> Homo sapiens
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<40b> 229		
agaggggtac	ctgtatgtac	ccatgggtgga
tgattactac	atgtatggaga	84
tggttaagt	gagttcaat	attaaggata
sagggagaca	gggtttttga	tgattcttga
gggaattac	gcatatctga	ggtcccaa
		126
		148

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<210> 230
<211> 237
<212> DNA
<213> Homo sapien
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taagagggtta	60
taagagggtga	120
ttgtttgttaa	180
ctatttttaac	240
taattattaa	257

<210> 232
<211> 260

<212> DNA
<213> Homo sapien

<400> 231
taagcaggga cgggtatttg ctgatggat tttttttct tttttttct ttggaaacaa 60
aaatgaagc cagaacaaa ttattgaac aaagaacggg actaaatcty gagaaatgaa 120
gtccctcac ctgactgaca ttccattcta tctgaacttc cagtcctagg taggaagata 180
ggggggggag gggattatc tgatacaggc etattttaaag caactctgaa tctgtgcaag 240
aagtcacttg taactcttta 260

<210> 232
<211> 596
<212> DNA
<213> Homo sapien

<220>
<221> misc feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 232
tgcctctact gccttaccna ccaacaatta gaacacaaat gagatgtuac ctcatatctg 60
gtgggattaa ccttatttca aaatccagaa gattggaan gytatgtuay aaatttagaa 120
atcgtgcan tcttggctgg aaatgaaaa aggtgtggcc actatgggtc acwgatgaa 180
gctctctcaa aaaaactttt tttaactcta ctctatgato gactctgagg ttgtttatgc 240
aaaagaactg aaatcaggat ttgaggaaa tcttcaactt ccccaatcca ttctgcttt 300
attcataata ctuacagagat ggaacaaac taatgtkcc tcccggtatg atgagatcaa 360
cacagtgtgg tatatgcat caatggaata ttttttagtc tttaaaaga aaattctat 420
cattactaac aaattanata aactctgagg ccaaaagctt aagtgaata agcagggaa 480
ggagcaaac tgcattcttc ccttatatga agtatcaaa gtgtcaaac tcttaagaa 540
aaagttaaa atgggtggtt gccaaacagt tggttaggcn agaaanahh ctatant 596

<210> 233
<211> 96
<212> DNA
<213> Homo sapien

<400> 233
tcttctgaa accctttagc aactttaagc kctggtttgg taaggcaaga ggaaggttg 60
taaggcaaga ggaaggttg taaggcaaga ggaaga 96

<210> 234
<211> 313
<212> DNA
<213> Homo sapien

<400> 234
tgtaaataga gnatgtgat gataaaactt gaetggatca ctagtgtcct ctatggatg 60
agcaaaagaa ctatgttctt gtgatggaa ctgctcctgg caaaaatgct gtgaacttg 120
ttgaaaagac acaaaagagt tttagatagt acataaattt agaatagtae ataaacttag 180
aatagtaact aaacttagta caaaataat gcacgaagca ggggcagggc ttgaagaaat 240
tgaactcaat ttggaaagag taactactgt aggttagatg ctctcaaaa gaaacacmot 300
gtctgactta caa 313

<210> 235
<211> 550
<212> DNA
<213> Homo sapien

```

<400> 235
aacgaggaca gattcctkasa aagastgtty agtgaaasa gtgaaata agataatctc 60
caaggtccag tagacttatt taacacattt taataaatat attgataaa stttgttccs 120
tttcccaaaa atccatattg aagcaacgca gaatgaatgc atatgggttt gaggtatagg 180
gttgaggcto gggatgggga taagggggga aataaaac agagagggtt cttaacattt 240
tcatgaaccc aggestataa ttatttcaac tatltgtacc wgaagtccag aagagatggg 300
ggcagagggg ggagagaggg gcaagaaac gttttggga ggggggtccc aagagagaga 360
tctttagcgt gtggcgctac atactgtttt caagggtccc ttaggtcttg caccctattt 420
ttctctctac taatatkaga ttaaacctt tgaagacaga gttgtgtgtt tctctaatto 480
agtttctctt ccgtgtcttg cccacagtat agttgttaca aggggttgac tgautgaagt 540
gagattatctc

```

<210> 236

<211> 325

<212> DNA

<213> Homo sapien

```

<400> 236
tagactgaat catgicccct accagagtag ctagaattta tagcaacagg ctctacaccc 60
aggactctac tatlgatcac ctcaatggaa ttctctcagg cttaaaaagt ttggagagaa 120
attcgacct atgctaaac atggatgaac cttagagact ttatgatagg tcaagagact 180
catgtctaaa aggaataata ttgatgatt cacttatat gagggtaccta ggtgtgtcaa 240
ttcaahaga acacaaata gaattgtgtt tgcacggggt tttagagaaa aggtaatgac 300
aagttagggt acatgagtaa gtcta

```

<210> 237

<211> 373

<212> DNA

<213> Homo sapien

```

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 237
tagactgaat catgicccct atctatcaa catitccact tgaagtctga taggcatctc 60
agacttatct tctcccaag caactcttt attctcttct atctagatct ttatttcttg 120
tcnigtctta cctcttcaa aaggttgcca aatccacaa agttgtctga accgaattct 180
aagaaatabo atgatttctt ctttttccc tctatctaac tctaatctca ttgaatata 240
atctgttcca gaatacaaaa naactcatgt tctactctat aagggggagt tgaacatga 300
gaacacacag acacagggag gggacactca caccacaggy cccgtcagga agtaagggac 360
atgagtcagt cta

```

<210> 238

<211> 492

<212> DNA

<213> Homo sapien

```

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 238
tagactgaat catgicccct atactgtctc agggctcagg aagcatctct aaactggagc 60
tgacacactg gtaggggttt gaggtagtgc acaaaagggg tctaaagaa ttgtccctca 120

```

atataagagt	gattagaaga	agtggacaga	gutaacacag	ttaaacatst	gagagataaa	180
aaaataatgg	aatatgtgaa	caaacactac	agggagaaa	taaggacast	aaagcatat	240
tgtgtatata	tgaatgtgaa	gaacatctct	aaaagaacaa	ataacaaag	aaaagaagaa	300
aatttctgca	aagtgttaaa	gutaatagaa	aaatlaaaa	aaactatat	taaatgaatt	360
aaagaagagt	agaaggttca	aaagaaacaa	aaaagaagaa	aaactatat	caatttgaat	420
tyttagttaa	actaaacag	aaagataaac	actgggaatt	gaattctaac	gtangggaca	480
tyaatcaata	ta					492

<210> 239

<211> 482

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> {1}...{482}

<223> n = A, T, C or G

<400> 239

tggaaagtat	ttaatgatgg	gaaacttgat	gttkaacttc	taactatcaa	ataatottct	60
gtaatttttt	aaataaattt	tttttgatt	tttaagtaa	atttatcttg	agaggtaaac	120
tggattacat	acttotaagc	catlagaaga	ctctatgtta	aaacaaagg	aaatgttact	180
agatctctct	tgaataata	ggatgtgata	ataatctctt	tttgtctata	atggaaaggt	240
actanaaaca	aggaacata	atattagatg	aaacacgtta	gaatttgac	taatttlaag	300
gaatttcaat	atctgggcaa	atgtggggaa	gtgcaacaaa	atttaataac	gaggaagcat	360
ctaacaaatt	ctggagataa	ggtgaaacat	tcattctgta	atttaacag	caatttcaac	420
aaagtctttg	atkaaatatt	caaatttttt	ctataactaa	agaaatttaa	gaacagtgac	480
ca						492

<210> 240

<211> 519

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> {1}...{519}

<223> n = A, T, G or C

<400> 240

tgtatgaagc	tgtgtgtctc	cocatgtgat	agtatgaatt	atagctctat	gggtgagag	60
gatatgcaac	agccgaacaa	cogtaaaggg	tatgtgtctg	gtgtgattag	taaaagagga	120
aaagtctgaa	gttgagatag	aggaagggaa	ctgtacatgt	gtgtgcaatg	gaacttgat	180
gtatcgtgat	aaaacacgat	tgtacatttg	ttaaatcttg	agatagagaa	aaaacacaa	240
tatgtcggga	ggcgaacat	gttggaagaa	atgtgtctct	gtatgcttt	acttcaacaa	300
tgttggtgag	gagggaaaca	taaatctggc	ctaagtgcac	ataacagcat	agtactctcc	360
tgtgaactta	atatagaac	agattctctt	gtataactgt	ttttttgtgt	aaatttctct	420
tattataaac	ctgtctctct	cccgatctac	tgtgtgtgag	ataatgaac	taatatcaat	480
aaatactaga	aggaactctg	agcaactaac	gtatgataaa			519

<210> 241

<211> 771

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> {1}...{771}

<223> n = A, T, C or G

<400> 241

tgatagccag	tagtggtatc	caatcccgac	ttgaaggggc	tgctatctgc	cttccaggcc	68
adgtgcagc	ctcccgagta	gaagttacit	atgagacaba	ccagtgtygc	cttcttggt	120
tgaggttcc	tgagggagg	tggaacagc	gtgacccagc	ggagagctt	gggttgac	180
gggacggca	gcttggtcc	tccgcaaac	aggaagctg	tggtgttgt	atatgagctg	240
cgtaataat	cagctcgtc	ctccgctgg	agccagaga	tggtcagga	ggcgtgtgtg	300
ccaaacttg	agccagagaa	gcgtatagaa	acccctgag	gcgcatacc	gacctcatc	360
atcatgaatt	tgggggcttt	gcvtgggtgc	tgtygggtac	angagacatt	attataacca	420
ccacgtgac	tgctggttcc	antgcggga	aaatggttga	tcaaacctgc	caagaaaccc	480
actacgtcc	taccaatcca	ctaatggcc	gcgcgtgca	ggctcaacca	tattggggaa	540
aaactcccn	cgcgctgtg	ggattgacat	aaaccttga	aatttttcc	tattantgt	600
cccccacaa	tataacnttg	ggccttaac	cattgggtcc	ataccttnt	tncccggttt	660
tlaaanctg	tttatcccg	cccccaatt	ccccccaac	ttcccaaac	ccgaaaccc	720
tlaaatctt	ttaaacctg	gggggttccc	maatttman	ttaaacctc	c	771

<210> 242

<211> 167

<212> DNA

<213> Homo sapien

<400> 242

tgggccctt	caatatccgg	ctcatcgata	ccatccagc	gctgagctg	ctgttgctgg	60
tcctctctag	gaactctcgg	cttttaaat	tccttgagg	attcatcca	attatcgcc	120
tcctctctt	tcctctctt	tcataaggtc	tcgttgaca	gcgttca		167

<210> 243

<211> 338

<212> DNA

<213> Homo sapien

<400> 243

ttggccctt	tcataatctc	ctgacttaca	tagtgttgt	tgagccctc	cttctcggc	60
tcaaatctct	tgcccaaggt	caatatccac	tttcaaatg	aggttcaaat	cttcaaatgg	120
ctattcttga	caagcttagc	ctagagccag	caattttaca	caaggtattt	ttccactgtt	180
taataaacgt	ggttttccca	cccccatag	gtgcccacca	gggagtgatg	caaggttgc	240
gaacaaattc	agaatctcga	agacaaactc	acttaccatt	tcctgtatag	ctaaccccca	300
gttcaactgt	acatttctgt	tcctatgggc	aatccaga			338

<210> 244

<211> 346

<212> DNA

<213> Homo sapien

<400> 244

tttttggtc	ccatacagc	cactctcatg	ggaaatgtct	gttctcaggt	caacccata	60
tgcaaaata	atcataatc	ttgaagctcc	ccgtgttaag	tacaaatgat	ttaatattat	120
ccctgatcca	atgactccac	taaccgtttt	agttgggca	tgactcaaat	cactgttttt	180
gttgtctcca	aaagcaata	tttagtttat	atttaagtac	aatattgtat	gaacaaagat	240
gttctatctt	ccctgtcaaa	ctcatgtctc	gtacttggt	gcagtgata	ttactgttaa	300
agggaaagag	gcttgagac	gagctaaaga	tattgaaggt	gcocaa		346

<210> 245

<211> 321

<212> DNA

<213> Homo sapien

<220>
 <221> misc_feature
 <222> {1}...{521}
 <223> n = A, T, C or G

<400> 245
 accatcccca ccgggtact gagggaacag tatatccatc catttccatc ctacagcagg 60
 aacttoatga ggcaggagtt attagtcaca ttllacagaa gagggaactg agacttaggg 120
 agctcatgta atttgccacg ctgcgcacat tagtgataga gccagggtct gaggcgagct 180
 cigtcttaag ccaattgcac ctgcagatta ttgaggtcac tgtctccac acagctggt 240
 ggcctctgct anagctccag gtccacaagg gcagagattt ttgtctggt ttgctattgc 300
 tccctccaca ttgcttagag cagggtctgc caggaacacg gtctccatg cctagttatt 360
 aattgtatat aagagaaac atagttaac gagaacttct tgiatccttg tcaactaacat 420
 gaatcacctg tgaattgggt atgcttgctt cccattgtg cagatnaaga tattgaangt 480
 gcccaaatca ctanttggtg gcgcctgcac gtccacataa t 521

<210> 246
 <211> 482
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> {1}...{482}
 <223> n = A, T, C or G

<400> 246
 tggamccaat ccaattaccc atcaatgata gactggataa agaaatttgg gaacatgttc 60
 accatgaast actatgcacg catataaag gcttagttaa tatcttttg agggacatgg 120
 atgaagctgg agacatcat tctcagcaaa ctacacaggg aacagaaaac caaacctctg 180
 atgtctctcc tottaagtgg gagctgaaca atgagacac atggacacag ggaggggaac 240
 atccacacgt ggggctgct ggtgggttag ggtctagggg agggatagaa ttaggggaaa 300
 taactaaagt agatgaacgg ctgctgggtg cagcacacca ccatgacacg tctatcccca 360
 tgaacacac ctgcatgttc tgcacatgta cccagagact taaagtgtta ataaacaa 420
 taagaaaaaa gtaaatgtat tctatagataa ataaatatt gtaaatattg aaggtgcccc 480
 aa 521

<210> 247
 <211> 474
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> {1}...{474}
 <223> n = A, T, C or G

<400> 247
 ttcatatcag gacacaggtc agcagaaaaa tggctgtggt ttacccaaat gactaagtt 60
 aagttagaga ggggcagaga agacacaggg atctgcagg ggtagtata acaagttggt 120
 gtcttggga atgaggtctc tggggatgta ggaacagta acaagtgga caaagtgtg 180
 gaacacagga atgtactctc tccagaaatt gatttctgga ggaagtaaat aactatccag 240
 ttctgggtat catanagcca cagttgaggt ataggagga gaagtcacg tgggtatatt 300
 gaggtttatga aaggtttggt actgaactgt atgcacaaag tctgggttat gaacatggga 360
 atgaatgaat gtanaagcgt anaggtgaa actattccac gaaaagggg tccnaaacct 420
 aaaaaanaca gnnnnagggg aatttatatt atgttgatct gaangtguc caaa 474

<210> 248

<211> 355
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A, T, C or G

<400> 240
 ttcgaatacag gcaaacctga actgcaggag ggtggtgacg atcatgaggt tgcggatggt 60
 cccggtgggnc acgaagagcgc actgganccg gtgcttaagt ccttttgctc tgttgaaggc 120
 cctgagggga cgcaggaccc ttatgacctc cagcatcttc acaacgggag atgggaactg 180
 atgagttcc anigacaccc gagacacccc aacacacagn atactant attgatgtg 240
 ttccgtaga aggcacccct gtggagggaa gctccatg atggtctctc tccacgggat 300
 ctcaacagtt tccgatgggt gtagatggga tagtcatant taacatgtgn tggan 355

<210> 249
 <211> 434
 <212> DNA
 <213> Homo sapien

<400> 249
 ttggattggg cctccaggag aacacaggga aaagggtgac caggggctcc ctggaactca 60
 aggatcttcc ggagcaaaag gggatggggg aatctcctgt cctgctggtc ctttaggtcc 120
 accgtgtcct ccaggcttcc caggtctctc aggcctaaag ggtacacag gctctaatgc 180
 acccgctagg caggaaaggt aaggtggtct tccggggctc cctgggcctc caggtctaac 240
 tggtagagtc atccagccct tccactctt gtctctccaa aaacaggaa gactctctga 300
 aggcattcac gctgatgag atgatatat ttgtgttatc tggatggaa tggagaagat 360
 attgtgtcc ctcaattccc tgaacacaga catggagcat atgaatttc caatgggtcc 420
 tccagccact ccaa 434

<210> 250
 <211> 430
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(430)
 <223> n = A, T, C or G

<400> 250
 tggattggct acatggcaga gacaggatcc caaggcagtg agaggaggtc acaatggttc 60
 tcaatagttt ttattatcta tttttatctt gaggtagagt ctgctttttt ctccacggct 120
 gggagagcgt ggtggagctc tggctctctg caaccctcgc ctccagcaat tctctgtct 180
 tagcttcagg ggttagatga attacaggcg cccaccccca tgcctcaacta atttttttgt 240
 gtcttcagta gagaacgggt ttgcctatgt tggcagcgt ggtcttgac tccagaccc 300
 nagtgatttg cctctctcgg ctccacaaag tgcgggaatt acagggcagg gctgctgccc 360
 ccagtcacat tctcctatgt tatggcttta tcaatttccc ccaattctat tggcctaaag 420
 aaaaaaaan 439

<210> 251
 <211> 329
 <212> DNA
 <213> Homo sapien

<400> 251

tggtactaca	ccatgtatgg	gtcaacggcc	atctcgagcc	tcctcctggg	tggtatccaa	50
ggagctctgt	ccagagtgaa	gctgtgtcag	tcgtgagcag	aggtgcaaaa	gtccggggag	120
tctctgaaag	tcctctgtaa	gggtctctga	tacacactta	agatctactg	gctcgtctgg	130
gtgcgcagag	tgcccgggaa	aggctctggg	tggtatgggg	tcactctttc	tgatgaactc	240
gataccagag	acagcccgct	cttccaaggc	gaggtacaca	tatcagtcga	aaagtacatc	300
agcacagcct	atctgcagtg	gagtlacaaa				329

<210> 252

<211> 536

<212> DNA

<213> Homo sapien

<400> 252

tggtactaca	ctccagccaa	cccttaatha	gaattaagag	ggaacclatt	actattctcc	50
caggctcctc	tgctctaacu	aggctctctg	gacagtatta	gaaagagctg	tctcaacag	120
tatgtagctc	ctgtactggc	ctaaagagtt	aaactgaga	tagcataact	ccagccaaac	240
ttaactggctg	ctggactctg	tgctctggag	cagctgggat	aggcaactt	ttggggagca	240
agaggaagaa	ctgcctgaaa	gggggcctca	tgctaaaat	tacaggggga	accccaccca	300
ggcccccctc	ccagctctca	gactagagta	ttajcatttc	tcagolagag	actcacact	360
tccttgctta	gactgtccaa	ccggggggag	tcctctgggg	tgatgaggct	ctcaagagtg	420
agagtggaat	ccatctctct	gtgtcccaac	aggagcctgg	ccagagactt	agcaggtgaa	480
gtttctggct	caggctcttg	cattgaacca	ctatgtgacc	tcctgtggag	taucaa	536

<210> 253

<211> 507

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(507)

<223> n = A,T,C or G

<400> 253

ntgttgcgat	ccagcttaact	gggggaagctg	aggcgaggag	atcacctcag	ctcaggaggt	50
tgagcccgca	gtggccggcg	accacgccac	tacactccag	ctcggggcat	agagtagaac	120
ccctccagag	agaaagaaag	agaaaggaag	gaaagggaaa	agggaagag	aaagggaaaa	180
ggaaagagaa	agaaagaaag	caagcaaaaa	caagcctctg	atttggaat	ctcagactta	240
actttatggt	ctttctacac	caaaccttct	ctgtctacta	agatgataat	ttagagccac	300
ctcgttccat	tccttaagag	aagcgggaag	ttgggtcag	taattacaa	aataglaaaa	360
aatttgaaat	ttatattgca	ggtgttttct	attacatgct	taacttaatt	ctaacacact	420
tgatataaat	aaatctgctg	cagggtgtgg	tggtctatgc	ctgttaacac	ggcacttttg	480
gagacagagg	tgggggagta	gcaacaa				507

<210> 254

<211> 222

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(222)

<223> n = A,T,C or G

<400> 254

ttggatttgt	cactgtggag	aagcaacata	ggatcccaag	gtctttttct	aaaggccagt	50
actggcaaac	attctctctg	ccgccttctt	caagctctga	gcacacaga	ccaaggctgt	120
tctgtttttc	cccccaatgg	taactccaaa	caatagatgg	taagttcccc	tgctcatctt	180

tccacatccn tctattccg tatagtccgt ggcacacac aa 222

<210> 255

<211> 463

<212> DNA

<213> Homo sapien

<400> 255

tggtggatc	cccaaatgct	gaaatggaaa	taaacacac	gatgagggag	gcttaagttg	60
gggaggagc	ccattaaagt	ggccatgag	tttgtggaa	gaagtgaatt	ttgacacagg	120
ccttgggtg	agagagctgt	gagagtgtcc	cagacagagg	ggccactggg	cccaatagagc	180
agatggggag	ggccttggaa	gggtgacgaa	ataggaagga	gtttgttttg	gtatgagtct	240
agtgaacaca	gaggcagag	gacctagtgg	gtccagctgg	agagtattgc	agaaatacat	300
tatggccctgt	ggggactgt	agactgtcag	caataatcca	cagtttggat	tttattctaa	360
gagtgatggg	aagccgtgga	aaggggttgc	agaaaggtgt	gaatttatca	gatttaccgt	420
gataaasta	aattggtctg	gtactgggg	aaaaaaaaa	aaa		463

<210> 256

<211> 462

<212> DNA

<213> Homo sapien

<400> 256

ttggatggg	caactatgct	aactctatgt	ttctctcttc	ttcttaaaaa	attaatgaal	60
ccaatcaact	agtgcaaaaa	cccttgggtt	ttatcaatat	ttctgttaaa	aagkattatc	120
cagagcttga	caataatctc	caataataa	caatacaaac	cccttcattg	gatgcaaaaa	180
ttctattaa	tatgttgaag	tcactttcaa	tttccagagg	caacattctg	ttgatgttat	240
tttgaagtt	ggacacaccc	aa				262

<210> 257

<211> 462

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (461)

<223> n = A,T,C or G

<400> 257

ggggmmmmn	nnccaatccg	actaaqtkcc	ctttgttanc	gttcagacatg	ggccgggggg	60
tacccttgt	nnctgggggt	gtatggggga	ctatgacccg	tttgtatggg	gggtgtatgg	120
gggcctatga	cgccttgtat	ttgggkgtgt	atggggagat	atgcacccgt	gtcgggtgtgt	180
cggatcaacc	ggcgaagggg	agtgatagga	agctgggttc	cgggtctctt	gcattcgtatg	240
ggakcttgg	ggcgaatctc	cgccttgggt	ttgagggcgt	ggacatctgg	gtgctcgtatc	300
agggcgcagg	ggcgaatctc	ggcgaatctc	ggcgaatctc	ggcgaatctc	ggcgaatctc	360
ttccgcttgc	ggcgaatctc	ggcgaatctc	ggcgaatctc	ggcgaatctc	ggcgaatctc	420
agtcgtcagg	ggcgaatctc	ggcgaatctc	ggcgaatctc	ggcgaatctc	ggcgaatctc	462

<210> 258

<211> 332

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (332)

<223> n = A,T,C or G

<460> 255
 tgcgcgccttg tagctggggg tgcctggggg actacgacgc cttgtagctg ggggtgtatg 60
 ggggactatg aacgctgtga gcctgggggt cctgggggaa cctgacccgt tctagctggg 120
 ggtgtatggg ggcctggggc cgtctgtatg tgggggtgta tgggggacta tgaacgcctg 180
 tagctggggg tgcctggggg actacgacgc cttgtagctg ggggtgtatg ggggactatg 240
 aacgctgtga actgggggta tatgggggac tatgacccgt tctgtctgct ggggatgtgg 300
 agggaggttg tgggtggggg aaaaaaaaaa aa 332

<310> 255

<311> 291

<312> DNA

<313> Homo sapien

<220>

<221> misc_feature

<222> (1)...(291)

<223> n = A,T,C or G

<460> 255
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 gacgccttgt gacgccttgt gacgccttgt gacgccttgt gacgccttgt gacgccttgt 180
 ggggtctcgg ggggctatga nngantgtga cnggggggtg ctgggggact atganngact 240
 gtgcacacgtg ggggctatga ggggctatga ggggctatga ggggctatga ggggctatga 291

<210> 260

<211> 238

<212> DNA

<213> Homo sapien

<460> 260
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 rttaggggta ggggtgaaac ctgaaattta tttcttttt ttggctgag aactttgtg 120
 ctctgaaagg gccatgttat taattgtttt gatcttcttt ttcttaacag ctttttaagg 180
 gcaaggaccc ccttatcttg aaggatcttt atcttagctt atagtatgta ccttctta 238

<210> 261

<211> 746

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<460> 261
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 taactgtatc agtctctctt aaagattgaa cctggaaggca cagagaggtt acttaacttg 180
 cccagggtta gacagctaac aaatagaaac aaatctgaat ctgggaaggt ggggtctgtg 240
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 tgtttagatc gatctttggc tggctctagg gcaagccctg tctgacagcg aacacagcat 540
 wacacaggga cccctctaat tctgtgtgtg gctagaacca tgaacacctg gttgggggaa 600

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caaggggtcca aaacctaagt gggggggggt ggcagggtgc aacctaattg ggaacactcc 660
caaggggttt ggaatgctct agctagaatt attctaaag ttgtccactt aaatktgac 720
tgggggttaa tcaagggttc aaagac 746

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<210> 262
<211> 588
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

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```

<400> 262
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tttgtgagga ggcaggagct agagacttgt gtgagctctt tgggggtgga agtctatctc 180
tcaagctccg cccactctat acgtgtttct accttccctt gacdaggtct acaagtgggt 240
tcttgctctg ttctctcttg gacccacaaa ggcctgttaa tgaagtgtga tgaactctgc 300
agctgtggct tcaaggtctt tgggtacaga tgcctgttaa aatctctctt cagttctctg 360
caaatgtgta aaataccacc atttctttag ttccagtacc caactctgtt cttaacgaac 420
tgtctctctc acccagagc ggcacataa ttcttgggga attattactt tttttttctt 480
ctctctcttc gmmgghnang gmmgghccag gaattaccac ntgggaagac ctggccnypaa 540
tttatctata agggggagct atttcttttc ctacacaaa ggggttca 588

```

```

<210> 263
<211> 730
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

```

```

<400> 263
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ttcaatttat aaatggaana ttagggaatr ttgatataca agttgcaatt tcaagagtgga 180
ggttgggttg gctgggtata tactgaaacg tgcctgtaca cagctgcaat ctcaaacacc 240
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tcgtaccaca gatgttaagc gactgtctgc aaagtggaat ctgaaggaaa aagagtgaaa 480
tggagtgagc caacaaggaa aguccaagaa aaactttgga gaccgtttct aganccttgg 540
caattctaca caaaactcng gacaaacct tgtctatcaa atcaatttga ccttctgttt 600
ggahnaagct ttctgaactg ggcgtgaaac taamctcaa tgaatgtctt tcaactgtc 660
ccagctgagc gcaacacttg ggcagaagc ggaattcttc aggtctcaaa nacagggttc 720
gcaatttgc 730

```

```

<210> 264
<211> 735
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature

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<222> (11), ..., (215);

<223> n = A, Z, C or G

408 266

[illegible]

218 265

2272 152

212 288

<213> HCOMP 2401.BT

64003 265

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tgattcccat	gagcaggtta	tgattctca	agaaaacatg	gctactatac	tatcaatcg	120
ggttaaatt	ttttctttg	agacgaagt	ta			152

210 256

2012 2013

213 286

<213> Homo sapien

42713

427.13 mac feature

 $\langle 222 \rangle$ (3) (393)

<223> B = A, E, C or C

&lt490> 266

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ctcccacat	ctgttgaaa	cttggaacw	gtctttttt	tattttttt	tattttttt	180
gaaggaatt	tta					193

42105-287

«213» 489

2127 1988

62137 KONG, SANG. 1967.

2002 367

atkttgagatc	ctcttgaatg	gggttgatct	aacaaatgty	ttggagagaa	aactacatga	120
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ctcttgtaag	ctactatthca	agttaaaaca	ctgttgatgg	ccattctctaa	ggatctataa	130
tttgacacag	gctatcatat	tttggagatc	tgcacggaga	gcgaatttct	ggaggggtgt	135
gcttgatagat	ggaactctacc	tccacagatc	aattctgatct	ctgttggggg	aacaaatcaa	140
gctgtctttt	gctgcctcgt	gagctccaga	gagagctctc	acactctatc	ctactctaga	145
aacaaatcaa	atgtatgggg	gtactctctc	gtgtctcaag	acgacctctg	gcagagcgcaa	150
tacttgactg	acacaaatca	ggaggaatcg	gactaaacaa			155

<210> 268	
<211> 533	
<212> DNA	
<213> Homo sapien	
<220>	
<221> misc_feature	
<222> (1)...(533)	
<223> n = A,T,C or G	
<400> 268	
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acgcctcggo gcgttcgatt taacgggaag gtagagctga gtgggcttgc gccccgggco	180
aaattcttgg gggggtttas ggcgcggggg aatttaggt atctctatca gtatgtagcc	240
aagtgtgaac agtcgccatt ccggaaatcg ctctcttga atccgnaacg cctccagcat	300
tgcctcatct atcaacctga aggcacgact aagtgagctt gtgtctttna gtagctccac	360
tccatacta gccgcctcga cctcgtcttc gtaagcgcca ggtccgtgag tgcgaattcc	420
caactccggt ggtgtgagaa tttaagtttc cgaacctgtt cgcctccacc atttggcatg	480
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<210> 269	
<211> 50	
<212> DNA	
<213> Homo sapien	
<400> 269	
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<210> 270	
<211> 519	
<212> DNA	
<213> Homo sapien	
<400> 270	
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<210> 271	
<211> 457	
<212> DNA	
<213> Homo sapien	
<400> 271	
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gaacagacca atgggaagac ctattctgac taattttagg gtctctagga cgcctggggg	180
aaagctctgg gcccgagctg cgttgagctt gaacagctg taagagaggg cctgaagcac	240
atttagtagg gatgtgtgt cctctacttc caagctgggg aagagctcta ttgaaagat	300
ccaaatagtg acttcagaaa aaacttgaaa gtaacagcag tgcctacctt acttaagat	360
ggaaacatct aaaaatttgt agatcttgag tgtctctcgg caaacctggt ggaaatgttg	420

ttctctggaag attaagattt taggatggaa atcaaga 457

<210> 272
<211> 102
<212> DNA
<213> Homo sapien

<400> 272
tttttttttt ttgggcaaca acctgaatac cttttcaagg ctctgggtty ggtcacaagg 60
agcaggggaa atgcaacttg ccaggtcaca gggcaatcaa ga 102

<210> 273
<211> 455
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 273
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gttaagatct taggctggag ttaatatctt gtttttggca atcaaacagg ttaagtcttc 180
ggcggagttt ctctctctgt ttltggcaat caccaggttt aagtctctcg ccgaggttaa 240
tctcgtgttt ttggcaatca acagggttaa gttctggcc gaagttaato tagtgttttt 300
ggcaatcaac aggtttaagt ttctggccga agttaatctc gtgttttttg caatcaaacg 360
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<210> 274
<211> 461
<212> DNA
<213> Homo sapien

<400> 274
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tctctggagt gcaaggtctg ttcaaatcaa gaatatcaat aatgtatca cctcaatcaa 180
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caaatcaatc agagtctatt atgcaaatc caagcaaat aatcaatca atgggcaag 360
actggagca tctccttttg aaactggcc caagcaagga tgcctctct cacttgatca 420
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<210> 275
<211> 729
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 275
tttttttttt ttggcaatca ccaagtcttc cacttgatga gtttttattt gtttttattt 60

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ctcccaaac	cccaccttca	cagcctcttc	caacagtttc	ccanagatgt	tgtctcttca	130
cttgcacatt	gaggaatgtt	ggaggttgac	atttnnagtn	gonggaaccc	catcagtgaa	240
noantaaaga	gaantaagat	gaatttgana	naaaatgat	gaagaacacn	ctaacnganaa	300
cccttttatat	agcttttanga	tctcangtcc	ttcactaatg	cgcccccctg	cnggtccacac	360
atttggaga	actcccccnn	cgttggatcc	cccttgagt	ttcccatket	ngtccccacn	420
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anggcnnong	gtttctctct	nlaattggag	cccaacccctc	cccttnnnat	ttcnggttgg	600
tcggcccttg	gncnagccctc	gttctctctt	ngggnaacaa	ccatngtccn	nggcncttcn	660
nnctattctc	tnnaacttgc	tngcctctcc	acnccggggn	naaagacaa	ttacnccnnc	720
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<210> 276

<211> 339

<212> DNA

<213> Homo sapien

<400> 276

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tacagagaaa	atagaaaaag	tacaaattgt	tgtagtgtgt	ttgagggaaa	attatgactc	120
ttcccaaatg	tctgaacttc	ttcvaagaca	gggttagtgt	ctcctacacat	aatcttactt	180
gcctttgaaa	ctcaaatggg	ataatctatt	tagatgtgta	atttatcttg	actggctata	240
aactattaaq	tgctatgcaa	tatacaattt	aactctgatt	ttccctctct	gtgctataga	300
tatgtaggtg	ttgactttta	tggtatgcaa	gtcactccc			339

<210> 277

<211> 664

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 277

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aagctctcac	aggaacacaa	tgtaggttaq	acnctgcaca	gtggggggga	gacnccaaag	120
taagacacaa	gcttttacct	tcacaaagta	gtcacagta	ctttgtcaga	ccatgttggo	180
agaatagacn	tcacaaatga	agccctgggc	cgatattgoc	attccaaatg	gcctatgctg	240
agaagggctt	tgcaactctg	tcagatnaag	aagcaatgtt	gtgctggaga	actccctatc	300
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gtacagtgca	aacgggaact	ctctcngaga	accacaaan	agatctctta	actttatgctg	480
ccctttgggg	cttgattaaa	tcacaaatat	tatctggctc	gcaagtctga	agcatgtctg	540
aagatgatta	gtactctcag	acttctatgt	ccagcctatg	tttttcaann	ctctgcttag	600
acccctgctta	ggggaatttt	tcacaaagat	gactctccat	gttcnaggic	aatcaacnaa	660
tgcac						664

<210> 278

<211> 452

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(452)

<223> n = A,T,C or G

<400> 278

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gacacagagt	tgacctctga	taattcatga	aatgcatctc	gaagtcctcc	agaaagggag	120
ctgcaatctg	ctgtgctttg	ggggtttgct	caatgtgtct	ctggatctca	cccaaaagct	180
gcaatctctc	ttcttcacac	aacattttgc	agtatctgct	gggattttta	ctggaagcat	240
gatacatagc	ccatagtgc	cagagctgaa	cctctgggtg	agagaaagt	ccaagggagc	300
ggaaaaatgt	ctgaagagat	ctataggtca	ccatgtgtgt	caacttcaaa	cttgaacttg	360
gcaatctctg	ctaggttgca	tgcaatctct	gggaagagat	acgtctctgg	aagtcacggg	420
atatacaaan	ctgtctgtca	gagtcagggt	ca			452

<210> 279

<211> 274

<212> DNA

<213> Homo sapien

<400> 279

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ccctgggtct	gtgtctgtct	ccaatctggt	gggtctgctt	tgctcaatct	aaactgacac	180
aaactgacac	cttttcaaat	tgcaatctga	taattaggtt	gggaaggggg	gggtttttgt	240
tcagtctaca	gaactgtttg	ggatgtcagg	gtca			276

<210> 280

<211> 272

<212> DNA

<213> Homo sapien

<400> 280

taactgacct	ggagaacata	ctgtagtctt	tttgcgttca	atggaatact	ctatgagggt	60
gaaaatgaat	gaactagcaa	tggtgtatct	aacatgaata	aactcccaaa	acatctaat	120
gttgaattga	aaaggtgggt	ttcagaagga	tatatattct	ctctcaatct	atttatgtaa	180
acatttaaaa	aactcaacta	tttaaggtca	taagtctact	cagaaacat	tttaaacctt	240
aatgtggatt	gataactact	gatgtcagggt	ca			272

<210> 281

<211> 431

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(431)

<223> n = A,T,C or G

<400> 281

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taagatctaat	cagaaacatc	tgatagagct	ctagctctct	tagatgaggt	gtgtctctct	180
aaatatagaa	tgatctccaa	gtttatttca	tgtatatttt	ctgctgaat	cccatagaca	240
tttgcaattg	aaacgtctga	tytaaatata	taatttttta	ccaatctaga	aaatagcgag	300
aaatttaagg	acttggctct	gtatcgggta	tgacagacaa	tcctgttara	aaactgtata	360
caactctaca	acgtatgaca	acgtggagat	gtcgtgttaw	kkktwycwm	mxrxcwccg	420
aatcaattta	n					431

<210> 282

<211> 98

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<212> DNA
<213> Homo sapien

<400> 282
attgatattg atgctttgagc ccaggaggttc aagactgcag tgaacctctg accttcaggc      60
tggacacagc agcgactgccc tgtgcccaaa aaaaaaaa                                     99

<210> 283
<211> 764
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 283
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gggcacacact tgcacagtgg aatgcacagc ttgcaggcta tggcgaggta ctactaaccc      180
cglttttctc gtattctctg taacataata tggtagactg taccagagac gaattccact      240
hacagagatga atccaaaggt caggagagag ccccaaatca gggcccaact attcagggcc      300
ttggcgggtgg gggcatalagg ctgkagcccg gtacagtcac aaacactcty actgtccctc      360
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natctgcaact acctcccton ccccttctgg actctctcc ttcacataaa nttatccctn      480
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ccnnctctct attaaccttt nccnctctca nctctactln aacnctctca tctctctctc      720
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<210> 284
<211> 157
<212> DNA
<213> Homo sapien

<400> 284
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attctccctc ttccaggaac gtctcagatg gatgtacaa gatcagctcc tggtaacact      120
aaataagcta gtttaagata cgttccctca cacttga                                     157

<210> 285
<211> 156
<212> DNA
<213> Homo sapien

<400> 285
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tactgttagc ctctcttttc attaacgttc cagactaggg aaatccctag agacagaaag      120
tgactgagaa gtcgctccgg tctgggtata                                     156

<210> 286
<211> 219
<212> DNA
<213> Homo sapien

<400> 286

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gcacacctgg	ttaggtcaca	tccaatatto	accacitggg	aaatcagagat	ggctgagctg	180
caagttttta	caagttcggg	ctgagattgg	ctgagtcac			219

<210> 287

<211> 196

<212> DNA

<213> Homo sapien

<400> 287

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actgtgagag	agtcacattt	tcttggctta	agccacagaga	atctgtctct	tggtacttta	180
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<210> 288

<211> 199

<212> DNA

<213> Homo sapien

<400> 288

attcgatttt	agtcacagtc	cagaacccac	attgtcaatt	actacctctg	atcagatttc	60
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taggtactga	agattcaagt	gacagagatg	ctagcccttg	ggttcaagtg	atccctctac	180
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<210> 289

<211> 182

<212> DNA

<213> Homo sapien

<400> 289

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gtattataat	attagggaac	accatttat	atgtgttcca	tcattggcca	aaataaataa	180
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<210> 290

<211> 1646

<212> DNA

<213> Homo sapien

<400> 290

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aaaaaaaaaa	aaaaaaaaaa	aaaaaa				1646

<210> 291

<211> 1851

<212> DNA

<213> Homo sapien

<400> 291

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<210> 292

<211> 1851

<212> DNA

<213> Homo sapien

<400> 292						
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<210> 293

<211> 668

<212> DNA

<213> Homo sapien

<400> 293

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<210> 294

<211> 1512

<212> DNA

<213> Homo sapien

<400> 294

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<210> 296

<211> 2184

<212> DNA

<213> Homo sapien

<400> 296

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<210> 297

<211> 1855

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (11... (1855)

<23> A, Z, G, C, T, G

<400> 297

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<210> 298

<211> 1055

<212> DNA

<213> Homo sapiens

<400> 298

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 gtaacgagctt gtaacgagctt gtaacgagctt gtaacgagctt gtaacgagctt gtaacgagctt 960
 gtaacgagctt gtaacgagctt gtaacgagctt gtaacgagctt gtaacgagctt gtaacgagctt 1000

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<210> 299
 <211> 323
 <212> PRT
 <213> Homo sapien

<400> 299
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 Leu His Leu Ala Gly Ser Asp Leu Leu Ser Arg Ser Leu Met Ala Gln
 20 25 30
 Glu Tyr Thr Ile Val His Ala Ser Phe Ile Ser Cys Ile Ser Ser Ser
 35 40 45
 Leu Asp Gly Gln Gly Glu Arg Gln Gln Arg Gly His Phe Trp Arg
 50 55 60
 Pro Gln Arg Leu Leu Cys Glu Asp Ala Trp Glu Gln Glu Val Gln Val
 65 70 75 80
 Val Leu Pro Leu Leu Pro Leu Leu Gln Gly Ser Gly Lys Ser Asn Val
 85 90 95
 Val Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe Met Asp Pro Arg Tyr
 100 105 110
 His Val His Gly Glu Asp Leu Asp Lys Leu His Arg Ala Ala Trp Trp
 115 120 125
 Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met Leu Arg Asp Thr Asp
 130 135 140
 Val Asn Lys Arg Asp Lys Gln Lys Arg Thr Ala Leu His Leu Ala Ser
 145 150 155 160
 Ala Asn Gly Asn Ser Glu Val Val Lys Leu Val Leu Asp Arg Arg Cys
 165 170 175
 Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr Ala Leu Thr Lys Ala
 180 185 190
 Val Gln Cys Gln Glu Asp Glu Cys Ala Leu Met Leu Leu Glu His Gly
 195 200 205
 Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn Thr Thr Leu His Tyr
 210 215 220
 Ala Val Tyr Asn Glu Asp Lys Leu Met Ala Lys Ala Leu Leu Leu Tyr
 225 230 235 240
 Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly Leu Thr Pro Leu Leu
 245 250 255
 Leu Gly Ile His Glu Gln Lys Gln Glu Val Val Lys Phe Leu Ile Lys
 260 265 270
 Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr Gly Arg Thr Ala Leu
 275 280 285
 Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile Val Ser Pro Leu Leu
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 Gln Gln Asn Val Asp Val Ser Ser Gln Asp Leu Glu Arg Arg Pro Glu
 305 310 315 320
 Ser Met Leu Thr Leu Val Ile Ile Met
 325

<210> 300
 <211> 148
 <212> PRT
 <213> Homo sapien

<220>

<221> VARIANT
 <222> (1)...(146)
 <223> Xaa = Any Amino Acid

<400> 300

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Asp Leu Ile Val Met Leu Arg Asp Thr Asp Val Asn Lys Xaa Asp Lys
35          40          45
Gln Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu
50          55          60
Val Val Lys Leu Xaa Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp
65          70          75          80
Asn Lys Lys Arg Thr Ala Leu Xaa Lys Ala Val Gln Cys Gln Glu Asp
85          90          95
Gln Cys Ala Leu Met Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro
100          105          110
Asp Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Xaa Tyr Asn Glu Asp
115          120          125
Lys Leu Met Ala Lys Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser
130          135          140
Lys Asn Lys Val
145
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<210> 301
 <211> 1355
 <212> DNA
 <213> Homo sapien

<400> 301

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ctgcacactg ggaactcaga agtactaaaa ctctgtctgt acagctgatg tcaactlaat 600
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accagaaata aataa 1155
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<210> 302
 <211> 2000
 <212> DNA
 <213> Homo sapien

<480> 302

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agcnaagctgg	gcactcttgg	agacacagac	gautctgtta	tgaagagact	caggagcagag	180
atggggcaagt	ggtgacgcga	ctgtcttcctc	tgtctgaggg	ggagtgagca	gagcnaagctg	240
ggcgctcttg	gagacacaga	cgaactctgct	atgaagacac	tcagggaaca	gatggggcag	300
tgggtgtgtgc	aactgcttcc	ctgtctgagg	ggagagcgga	agagcaaggt	ggcgctcttg	360
ggagactaac	atgacagtg	cttcatgggg	cnaaggttauc	acgttccgtgg	agagactctg	420
gacnaagctcc	aaagagctgc	ctggctgggt	aaagtcccca	gaagaggtct	actatgtctg	480
ctcnaaggaca	ctgaactgga	caagaaaggac	aagcnaaaga	ggactgctct	actatctggc	540
tctgtccaatg	ggatctcaga	agtagtaaaa	ctctgcgtcg	acagacgatg	tcaacttaat	600
gtctttgacc	acaaaaagag	ganagctctg	ataaagctcg	tacaatgcca	ggaagatgaa	660
tgtgtgttaa	tgtttgtgga	actatggact	gatccasata	tcccgatgat	gtatggaaat	720
acactcttgc	acttaagctat	ctataatgaa	gataaattaa	tggcnaaaag	actgctctta	780
tatgtgtctg	atactgaatc	aaaaaacacg	cattgccttcc	caactactgt	acttgggtta	840
cattgagana	aaagcgcaagt	cgtgaaattt	ttaataaga	aaagaagcaa	tttaaatgca	900
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gtcagctctc	tacttgagca	aaataktgat	gtatctcttc	aaatctctat	tggcagagac	1020
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angctgaaa	gtataatctgt	gggtactata	gaaaactctga	ctaatgggtgt	actctgtctg	1320
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caaaatgata	ctgaagagca	attttgtgaa	gaacagaata	ctggataatt	aaacagatgag	1800
attctgtatct	atgaagaasa	gcagatagaa	gtgtgtgaaa	aaatgaatct	tgaactttct	1860
cttatgttgtc	agaaagaaaa	agacatcttg	catgaataata	gtacgtttgc	ggaagaaatt	1920
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<210> 303

<211> 2040

<212> DNA

<213> Homo sapien

<480> 303

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agcnaagctgg	gcactcttgg	agacacagac	gactctgtta	tgaagagact	caggagcagag	180
atggggcaagt	ggtgacgcga	ctgtcttcctc	tgtctgaggg	ggagtgagca	gagcnaagctg	240
ggcgctcttg	gagacacaga	cgaactctgct	atgaagacac	tcagggaaca	gatggggcag	300
tgggtgtgtgc	aactgcttcc	ctgtctgagg	ggagagcgga	agagcaaggt	ggcgctcttg	360
ggagactaac	atgacagtg	cttcatgggg	cnaaggttauc	acgttccgtgg	agagactctg	420
gacnaagctcc	aaagagctgc	ctggctgggt	aaagtcccca	gaagaggtct	actatgtctg	480
ctcnaaggaca	ctgaactgga	caagaaaggac	aagcnaaaga	ggactgctct	actatctggc	540
tctgtccaatg	ggatctcaga	agtagtaaaa	ctctgcgtcg	acagacgatg	tcaacttaat	600
gtctttgacc	acaaaaagag	ganagctctg	ataaagctcg	tacaatgcca	ggaagatgaa	660
tgtgtgttaa	tgtttgtgga	actatggact	gatccasata	tcccgatgat	gtatggaaat	720
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cattgagana	aaagcgcaagt	cgtgaaattt	ttaataaga	aaagaagcaa	tttaaatgca	900
ctgtgtatgat	atggaaggac	tgtctctata	cttgcctgat	gtgtgtgata	agcaagataa	960

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gtacagcttc tacttgagca aaatattgat gtatottoto aagatctatc tggacagcgc 1620
gocagagagt atgctgtttc tagtcatcat catgtaattt gacgttact tctggaatcc 1680
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anaacagatc caaatatact tctgaaaaa agcaccocag aacagactt aagctgaca 1500
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caagaccag aaataaataa ggaatggttg agagagcag aaaaatttat ggtatcgaa 1620
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gaanaagcaga tagaagtgtt gaaaaaaatg aattctgagc ttctctrag ttgtagaaga 1920
gaanaagaca ttttcatga aaataatag ktgcgggag aattgcaat gctaagactg 1980
gagctagaca caatgacaca kcgagccag ctaaaaaa aaaaaaaa 2040

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<210> 304

<211> 384

<212> PRT

<213> Homo sapien

<60> 304

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Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser Ser Val Lys Lys
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Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys Cys Arg Cys Phe
20 25 30
Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp
35 40 45
His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp
50 55 60
Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val
65 70 75
Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn
85 90 95
Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser
100 105 110
Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe
115 120 125
Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His
130 135 140
Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met
145 150 155
Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Glu Lys Arg Thr Ala
160 165 170
Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu
180 185 190
Leu Asp Arg Arg Cys Glu Leu Asn Val Leu Asp Asn Lys Lys Arg Thr
195 200 205
Ala Leu Ile Lys Ala Val Glu Cys Glu Glu Asp Glu Cys Ala Leu Met
210 215 220
Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn
225 230 235
Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys
240 245 250
Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly
255

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	260		265		270
Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys Gln Gln Val Val	275		280		285
Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr	290		295		300
Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile	305		310		315
Val Ser Leu Leu Leu Gln Gln Asn Ile Asp Val Ser Ser Gln Asp Leu	320		325		330
Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser His His His Val	335		340		345
Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile	350		355		360
Ser Ser Glu Asn Ser Asn Pro Glu Asn Val Ser Arg Thr Arg Asn Lys	365		370		375

<210> 305

<211> 556

<212> PRT

<213> Homo sapien

<400> 305

Met Val Val Glu Val Asp Ser Met Pro His Ala Ser Ser Val Lys Lys	1	5	10	15
Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys Cys Arg Cys Phe	20	25	30	35
Pro Cys Cys Arg Gln Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp	40	45	50	55
His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp	60	65	70	75
Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val	80	85	90	95
Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn	100	105	110	115
Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser	120	125	130	135
Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe	140	145	150	155
Met Gln Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His	160	165	170	175
Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met	180	185	190	195
Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr Ala	200	205	210	215
Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu	220	225	230	235
Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr	240	245	250	255
Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Gln Cys Ala Leu Met	260	265	270	275
Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn	280	285	290	295
Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys	300	305	310	315
Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly	320	325	330	335
Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys Gln Gln Val Val	340	345	350	355

Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr
 290 295 300
 Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
 305 310 315 320
 Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser Ser Gln Asp Leu
 325 330 335
 Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser His His His Val
 340 345 350
 Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile
 355 360 365
 Ser Ser Glu Asn Ser Asn Pro Glu Gln Asp Leu Lys Leu Thr Ser Glu
 370 375 380
 Glu Glu Ser Gln Arg Phe Lys Gly Ser Gln Asn Ser Gln Pro Glu Lys
 385 390 395 400
 Met Ser Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp Arg Glu Val Glu
 405 410 415
 Glu Glu Met Lys Lys His Glu Ser Asn Asn Val Gly Leu Leu Glu Asn
 420 425 430
 Leu Thr Asn Gly Val Thr Ala Gly Asn Gly Asp Asn Gly Leu Ile Pro
 435 440 445
 Gln Arg Lys Ser Arg Thr Pro Glu Asn Gln Gln Phe Pro Asp Asn Glu
 450 455 460
 Ser Glu Glu Tyr His Arg Ile Cys Gln Leu Val Ser Asp Tyr Lys Glu
 465 470 475 480
 Lys Gln Met Pro Lys Tyr Ser Ser Glu Asn Ser Asn Pro Glu Gln Asp
 485 490 495
 Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Leu Glu Gly Ser Glu
 500 505 510
 Asn Gly Gln Pro Glu Leu Glu Asn Phe Met Ala Ile Glu Glu Met Lys
 515 520 525
 Lys His Gly Ser Thr His Val Gly Phe Pro Glu Asn Leu Thr Asn Gly
 530 535 540
 Ala Thr Ala Gly Asn Gly Asp Asp Gly Leu Ile Pro Pro Arg Lys Ser
 545 550 555
 Arg Thr Pro Glu Ser Gln Gln Phe Pro Asp Thr Glu Asn Glu Glu Tyr
 560 565 570 575
 His Ser Asp Glu Gln Asn Asp Thr Gln Lys Gln Phe Cys Glu Gln Gln
 580 585 590
 Asn Thr Gly Ile Leu His Asp Glu Ile Leu Ile His Glu Glu Lys Gln
 595 600 605
 Ile Glu Val Val Gln Lys Met Asn Ser Glu Leu Ser Leu Ser Cys Lys
 610 615 620
 Lys Glu Lys Asp Ile Leu His Glu Asn Ser Thr Leu Arg Gln Glu Ile
 625 630 635 640
 Ala Met Leu Arg Leu Glu Leu Asp Thr Met Lys His Gln Ser Gln Leu
 645 650 655

<214> 306

<214> 671

<212> PRT

<213> Homo sapien

<400> 306

Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser Ser Val Lys Lys
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 Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys Cys Arg Cys Phe
 20 25 30
 Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp

35	40	45
His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp		
50	55	60
Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val		
65	70	75
Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn		
80	85	90
Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser		
100	105	110
Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe		
115	120	125
Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His		
130	135	140
Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met		
145	150	155
Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr Ala		
160	165	170
Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu		
180	185	190
Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr		
195	200	205
Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu Cys Ala Leu Met		
210	215	220
Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn		
225	230	235
Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys		
240	245	250
Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly		
255	260	265
Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys Gln Gln Val Val		
270	275	280
Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr		
285	290	295
Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile		
300	305	310
Val Ser Leu Leu Leu Gln Gln Asn Ile Asp Val Ser Ser Gln Asp Leu		
315	320	325
Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser His His Val		
330	335	340
Ile Cys Glu Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile		
345	350	355
Ser Ser Glu Asn Ser Asn Pro Glu Gln Asp Leu Lys Leu Thr Ser Glu		
360	365	370
Glu Glu Ser Gln Arg Phe Lys Gly Ser Glu Asn Ser Gln Pro Glu Lys		
375	380	385
Met Ser Glu Glu Pro Glu Ile Asn Lys Asp Gly Asp Arg Glu Val Glu		
390	395	400
Glu Glu Met Lys Lys His Glu Ser Asn Asu Val Gly Leu Leu Glu Asn		
405	410	415
Leu Thr Asn Gly Val Thr Ala Gly Asn Gly Asp Asn Gly Leu Ile Pro		
420	425	430
Gln Arg Lys Ser Arg Thr Pro Gln Asn Gln Gln Phe Pro Asp Asn Glu		
435	440	445
Ser Glu Glu Tyr His Arg Ile Cys Glu Leu Val Ser Asp Tyr Lys Glu		
450	455	460
Lys Gln Met Pro Lys Tyr Ser Ser Glu Asn Ser Asn Pro Gln Gln Asp		
465	470	475
Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Leu Glu Gly Ser Glu		
480	485	490
	495	

500
 Asn Gly Gln Pro Gln Lys Arg Ser Gln Glu Pro Gln Ile Asn Lys Asp
 515
 Gly Asp Arg Gln Leu Glu Asn Phe Met Ala Ile Glu Glu Met Lys Lys
 530
 His Gly Ser Thr His Val Gly Phe Pro Glu Asn Leu Thr Asn Gly Ala
 545
 Thr Ala Gly Asn Gly Asp Asp Gly Leu Ile Pro Pro Arg Lys Ser Arg
 560
 Thr Pro Glu Ser Gln Gln Phe Pro Asp Thr Glu Asn Glu Glu Tyr His
 580
 Ser Asp Glu Gln Asn Asp Thr Gln Lys Gln Phe Cys Glu Glu Gln Asn
 595
 Thr Gly Ile Leu His Asp Glu Ile Leu Ile His Glu Gln Lys Gln Ile
 610
 Glu Val Val Glu Lys Met Asn Ser Glu Leu Ser Leu Ser Cys Lys Lys
 625
 Glu Lys Asp Ile Leu His Glu Asn Ser Thr Leu Arg Glu Gln Ile Ala
 640
 Met Leu Arg Leu Glu Leu Asp Thr Met Lys His Gln Ser Gln Leu
 660

<210> 307

<211> 800

<212> DNA

<213> Homo sapien

<400> 307

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 agaatcttra ggaacttaac aggtttttga caatctgttg tgaaggccca ctcaatocaa 180
 tttttortgg tccctcttgt ggtctaggag gacaggaag ggtagagatt ttoaagaatg 240
 catcagtaac ggcacttaas tccagctctt ctctgtctct ctgtgtgctt ggaagaaaaa 300
 ctagtgttcc ggttgtgtgt taagttagac caactctcc gttcagagg gttcaggaga 360
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<210> 309

<211> 102

<212> PKT

<213> Homo sapien

<220>

<221> VARIANT

<222> (1)...(102)

<223> xaa = Any Amino Acid

<400> 308

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 20 25 30

Thr Leu Glu Lys Glu Val Ala His Phe Phe Cys Thr Met Ala Trp Pro
 35 40 45
 Gln His Ser Leu Ser Asp Gly Glu Lys Trp Pro Pro Gln Gly Ser Thr
 50 55 60
 Asp Tyr Asn Thr Ile Leu Gln Leu Asp Leu Phe Cys Lys Arg Glu Gly
 65 70 75 80
 Lys Trp Ser Glu Ile Pro Tyr Val Gln Ala Phe Phe Ser Leu Lys Glu
 85 90 95
 Asn Thr Leu Cys Lys Ala
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<210> 309
 <211> 3
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Made in the lab

<400> 309
 Leu Met Ala Glu Glu Tyr Thr Ile Val
 1 5

<210> 310
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Made in the lab

<400> 310
 Lys Leu Met Ala Lys Ala Leu Leu Leu
 1 5

<210> 311
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Made in the lab

<400> 311
 Gly Leu Thr Pro Leu Leu Leu Gly Ile
 1 5

<210> 312
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Made in the lab

<400> 312
 Lys Leu Val Leu Asp Arg Arg Cys Gln Leu
 1 5 10

<210> 313
<211> 1852
<212> DNA
<213> Homo sapiens

<400> 313

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<210> 314
<211> 878
<212> DNA
<213> Homo sapiens

<400> 314

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<210> 315

<211> 392

<212> PRI

<213> Homo sapiens

<400> 315

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 20 25 30

Val Lys Thr Leu Gly Ser Lys Arg Cys Lys Trp Cys Cys His Cys Phe
 35 40 45

Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val Val His Trp Gly Asp
 50 55 60

Tyr Asp Asp Ser Ala Phe Met Asp Pro Arg Tyr His Val His Gly Glu
 65 70 75 80

Asp Leu Asp Lys Leu His Arg Ala His Trp Trp Gly Lys Val Pro Arg
 85 90 95

Lys Asp Leu Ile Val Met Leu Arg Asp Thr Asp Val Asn Lys Arg Asp
 100 105 110

Lys Gln Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly Asn Ser
 115 120 125

Glu Val Val Lys Leu Val Leu Asp Arg Arg Cys Gln Leu Asn Val Leu
 130 135 140

Asp Asn Lys Lys Arg Thr Ala Leu Thr Lys Ala Val Gln Cys Gln Glu
 145 150 155 160

Asp Glu Cys Ala Leu Met Leu Leu Glu His Gly Thr Asp Pro Asn His
 165 170 175

Pro Asp Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Val Tyr Asn Glu
 180 185 190

Asp Lys Leu Met Ala Lys Ala Leu Leu Leu Tyr Gly Ala Asp Ile Gln
 195 200 205

Ser Lys Asn Lys His Gly Leu Thr Pro Leu Leu Leu Gly Ile His Glu
 210 215 220

Gln Lys Gln Gln Val Val Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu
 225 230 235 240

Asn Ala Leu Asp Arg Tyr Gly Arg Thr Ala Leu Ile Leu Ala Val Cys
 245 250 255

Cys Gly Ser Ala Ser Ile Val Ser Pro Leu Leu Glu Gln Asn Val Asp

260 265 270

Val Ser Ser Gln Asp Leu Glu Arg Arg Pro Glu Ser Met Leu Phe Leu
275 280 285

Val Ile Ile Met
290

<210> 316
<211> 584
<212> DNA
<213> Homo sapiens

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<210> 317
<211> 829
<212> DNA
<213> Homo sapiens

<400> 317
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<210> 318
<211> 30
<212> PPT
<213> Homo sapiens

<400> 318
Thr Ala Ala Ser Asp Asn Phe Gln Leu Ser Gln Gly Gly Gln Gly Phe
1 5 10 15

Ala Ile Pro Ile Gly Gln Ala Met Ala Ile Ala Gly Gln Ile
20 25 30

<210> 319
 <211> 41
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer

 <400> 319
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 <210> 320
 <211> 41
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer

 <400> 320
 gcaggagttt tactacttct gacttccat tggcagagc c 41

 <210> 321
 <211> 60
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer

 <400> 321
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 ttcatgcgcg 50

 <210> 322
 <211> 42
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer

 <400> 322
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 <210> 323
 <211> 1590
 <212> DNA
 <213> Homo sapiens

<400> 323
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 accgttcata tggggcctac ccccttctct ggtctgggtg ttgttcgaaa caaggtccaa 180
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 gaatatgtct caagacacag aaataaaata

<210> 324
 <211> 526
 <212> PRF
 <213> Homo sapiens

<400> 324
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 20 25 30
 Thr Ala Gly Gin Ile Lys Leu Pro Thr Val His Ile Gly Pro Thr Ala
 35 40 45
 Phe Leu Gly Leu Gly Val Val Asp Asn Asn Gly Asn Gly Ala Arg Val
 50 55 60
 Gin Arg Val Val Gly Ser Ala Pro Ala His Ser Leu Gly Ile Ser Thr
 65 70 75 80
 Gly Asp Val Ile Thr Ala Val Asp Gly Ala Pro Ile Asn Ser Ala Thr
 85 90 95
 Ala Met Ala Asp Ala Leu Asn Gly His His Pro Gly Asp Val Ile Ser
 100 105 110

Val Thr Trp Gln Thr Lys Ser Gly Gly Thr Arg Thr Gly Asn Val Thr
133 120 125

Leu Ala Glu Gly Pro Pro Ala Glu Phe Pro Leu Val Pro Arg Gly Ser
139 135 140

Pro Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser Ser Val Lys
145 150 155 160

Lys Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys Cys Arg Cys
165 170 175

Phe Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly
180 185 190

Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys
195 200 205

Trp Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn
210 215 220

Val Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg
225 230 235 240

Asn Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly
245 250 255

Ser Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala
260 265 270

Phe Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu
275 280 285

His Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ala Val
290 295 300

Met Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr
305 310 315 320

Ala Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu
325 330 335

Leu Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg
340 345 350

Thr Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu Cys Ala Leu
355 360 365

Met Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Gln Tyr Gly
370 375 380

Asn Thr Thr Leu His Tyr Ala Ile Tyr Asn Ala Asp Lys Leu Met Ala
385 390 395 400

Lys Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His
405 410 415

Gly Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys Gln Gln Val

Pro Phe Asp Leu Arg Ser Lys Met Gly Lys Trp Cys His His Arg Phe
 20 25 30
 Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Met Gly Thr Ser Gly Asp
 35 40 45
 His Asp Asp Ser Phe Met Lys Met Leu Arg Ser Lys Met Gly Lys Cys
 50 55 60
 Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Thr Ser Asn Val
 65 70 75 80
 Gly Thr Ser Gly Asp His Glu Asn Ser Phe Met Lys Met Leu Arg Ser
 85 90 95
 Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser
 100 105 110
 Gly Lys Ser Asn Val Gly Ala Trp Gly Asp Tyr Asp His Ser Ala Phe
 115 120 125
 Met Glu Pro Arg Tyr His Ile Arg Arg Glu Asp Leu Asp Lys Leu His
 130 135 140
 Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met
 145 150 155 160
 Leu Arg Asp Thr Asp Met Asn Lys Arg Asp Lys Glu Lys Arg Thr Ala
 165 170 175
 Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Glu Leu Leu
 180 185 190
 Leu Asp Arg Arg Cys Glu Leu Asn Val Leu Asp Asn Lys Lys Arg Thr
 195 200 205
 Ala Leu Ile Lys Ala Ile Glu Cys Glu Glu Asp Glu Cys Val Leu Met
 210 215 220
 Leu Leu Glu His Gly Ala Asp Arg Asn Ile Pro Asn Glu Tyr Gly Asn
 225 230 235 240
 Thr Ala Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys
 245 250 255
 Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys Val Gly
 260 265 270
 Leu Thr Pro Leu Leu Leu Gly Val His Glu Glu Lys Glu Glu Val Val
 275 280 285
 Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Val Leu Asp Arg Tyr
 290 295 300
 Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
 305 310 315 320

Val Asn Leu Leu Leu Glu Glu Asn Val Asp Val Ser Ser Glu Asp Leu
325 336 335

Ser Gly Glu Thr Ala Arg Glu Tyr Ala Val Ser Ser His His His Val
340 345 350

Ile Cys Glu Leu Leu Ser Asp Tyr Iys Glu Lys His Met Leu Lys Ile
365 369 365

Ser Ser Glu Asn Ser Asn Pro Glu Asn Val Ser Arg Thr Arg Asn Lys
370 375 380

<210> 327

<211> 634

<212> DNA

<213> Homo sapiens

<400> 327

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<210> 328

<211> 1155

<212> DNA

<213> Homo sapiens

<400> 328

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gtacttgaca acaaaaagag gacagctctg ataaagcccg taacatgtca ggaagatgaa 660
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accagaaata ataaa 1155

<210> 329

<211> 1155

<212> DNA

<213> Homo sapiens

<400> 325

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<211> 1155

<212> DNA

<213> Homo sapiens

<400> 330

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 35 40 45
 Leu Met Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr
 50 55 60
 Gly Asn Thr Ala Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met
 65 70 75 80
 Ala Lys Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys
 85 90 95
 His Gly Leu Thr Pro Leu Leu Leu Gly Val His Glu Glu Lys Gln Gln
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 Val Val Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp
 115 120 125
 Arg Tyr Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala
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 Ser Ile Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser Ser Gln
 145 150 155 160
 Asp Leu Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser Arg His
 165 170 175
 Asn Val Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln Ile Leu
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 Lys Val Ser Ser Glu Asn Ser Asn Pro Gly Asn Val Ser Arg Thr Arg
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 Asn Lys
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 35 40 45

His Asp Asp Ser Phe Met Lys Met Leu Arg Ser Lys Met Gly Lys Cys
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 Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Thr Ser Asn Val
 65 70 75 80
 Gly Thr Ser Gly Asp His Glu Asn Ser Phe Met Lys Met Leu Arg Ser
 85 90 95
 Lys Met Gly Lys Thr Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser
 100 105 110
 Gly Lys Ser Asn Val Gly Ala Trp Gly Asp Tyr Asp His Ser Ala Phe
 115 120 125
 Met Glu Pro Arg Tyr His Ile Arg Arg Glu Asp Leu Asp Lys Leu His
 130 135 140
 Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met
 145 150 155 160
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 165 170 175
 Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Gln Leu Leu
 180 185 190
 Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr
 195 200 205
 Ala Leu Ile Lys Ala Ile Gln Cys Gln Glu Asp Glu Cys Val Leu Met
 210 215 220
 Leu Leu Glu His Gly Ala Asp Arg Asn Ile Pro Asp Glu Tyr Gly Asn
 225 230 235 240
 Thr Ala Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys
 245 250 255
 Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys Cys Gly
 260 265 270
 Leu Thr Pro Leu Leu Leu Gly Val His Gln Gln Lys Gln Glu Val Val
 275 280 285
 Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Val Leu Asp Arg Tyr
 290 295 300
 Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
 305 310 315 320
 Val Asn Leu Leu Leu Glu Gln Asn Val Asp Val Ser Ser Gln Asp Leu
 325 330 335
 Ser Gly Glu Thr Ala Arg Glu Tyr Ala Val Ser Ser His His Val
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Ile Cys Glu Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile
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Ser Ser Glu Asn Ser Asn Pro Glu Asn Val Ser Arg Thr Arg Asn Lys
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<210> 333

<211> 384

<212> EET

<213> Homo sapiens

<400> 333

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20 25 30

Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Met Gly Thr Ser Gly Asp
35 40 45

His Asp Asp Ser Phe Met Lys Thr Leu Arg Ser Lys Met Gly Lys Cys
50 55 60

Cys His His Cys Phe Pro Cys Cys Arg Gly Ser Gly Thr Ser Asn Val
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Gly Thr Ser Gly Asp His Asp Asn Ser Phe Met Lys Thr Leu Arg Ser
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Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser
100 105 110

Gly Lys Ser Asn Val Gly Thr Trp Gly Asp Tyr Asp Asp Ser Ala Phe
115 120 125

Met Glu Pro Arg Tyr His Val Arg Arg Glu Asp Leu Asp Lys Leu His
130 135 140

Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met
145 150 155 160

Leu Arg Asp Thr Asp Met Asn Lys Arg Asp Lys Glu Lys Arg Thr Ala
165 170 175

Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Gln Leu Leu
180 185 190

Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr
195 200 205

Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu Cys Val Leu Met
210 215 220

Leu Leu Glu His Gly Ala Asp Gly Asn Ile Glu Asp Glu Tyr Gly Asn
225 230 235 240

Thr Ala Leu His Tyr Ala Phe Tyr Asn Glu Asp Lys Leu Met Ala Lys
 245 250 255
 Ala Leu Leu Leu Tyr Gly Ala Asp Phe Glu Ser Lys Asn Lys Cys Gly
 260 265 270
 Leu Thr Pro Leu Leu Leu Gly Val His Glu Glu Lys Glu Glu Val Val
 275 280 285
 Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr
 290 295 300
 Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
 305 310 315 320
 Val Asn Leu Leu Leu Glu Glu Asn Val Asp Val Ser Ser Glu Asp Leu
 325 330
 Ser Gly Glu Thr Ala Arg Glu Tyr Ala Val Ser Ser His His His Val
 340 345 350
 His Cys Glu Leu Leu Ser Asp Tyr Lys Glu Lys Glu Met Leu Lys Ile
 355 360 365
 Ser Ser Glu Asn Ser Asn Pro Glu Asn Val Ser Arg Thr Arg Asn Lys
 370 375 380

<210> 334

<211> 384

<212> PRT

<213> Homo sapiens

<400> 334

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 Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp
 35 40 45
 His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp
 50 55 60
 Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val
 65 70 75 80
 Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn
 85 90 95
 Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser
 100 105 110
 Ser Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe
 115 120 125

Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His
130 135 140

Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ala Val Met
145 150 155 160

Leu Arg Asp Thr Asp Val Asn Lys Gln Asp Lys Gln Lys Arg Thr Ala
165 170 175

Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu
180 185 190

Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr
195 200 205

Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu Cys Ala Leu Met
210 215 220

Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn
225 230 235 240

Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys
245 250 255

Ala Leu Leu Leu Tyr Gly Ala Asp Ile Gln Ser Lys Asn Lys His Gly
260 265 270

Leu Thr Pro Leu Leu Leu Gly Val His Gln Gln Lys Gln Gln Val Val
275 280 285

Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr
290 295 300

Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
305 310 315 320

Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser Ser Gln Asp Leu
325 330 335

Ser Gly Gln Thr Ala Arg Gln Tyr Ala Val Ser Ser His His His Val
340 345 350

Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile
355 360 365

Ser Ser Glu Asp Ser Asn Pro Glu Asn Val Ser Arg Thr Arg Asn Lys
370 375 380